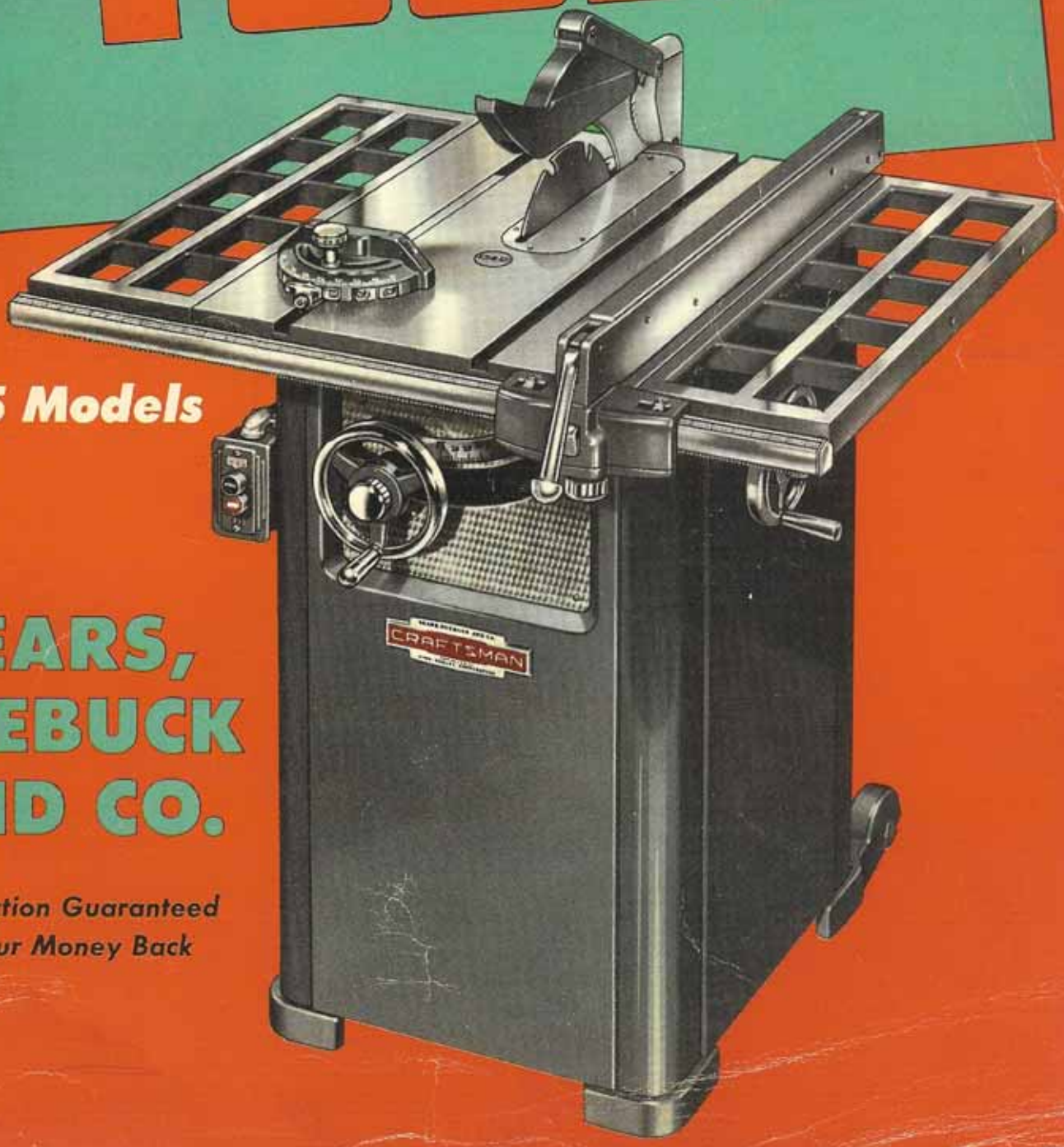
CRAFTSMAN

REG. U. S. PAT. OFF.

POWER TOOLS



1955 Models

SEARS, ROEBUCK AND CO.

Satisfaction Guaranteed or Your Money Back

Greater Accuracy! Greater Table Area! Greater Stability!

$96.50 CASH

Without guard, motor, bench, or table extension

$10.00 DOWN ON EASY TERMS

CRAFTSMAN "INDUSTRIAL"

This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN "100"

REG. U. S. PAT. OFF.

10-in. Tilting Arbor Bench Saw

Big . . Husky . . Extra Heavy Duty . . Precision-built

By far the finest bench saw we've ever sold! Easily meets the rigid requirements of large industrial shops. For outstanding quality, mechanically superior features, exceptional performance—*all in one saw* . . . we're convinced this superb CRAFTSMAN tilting-arbor saw cannot be matched today at anywhere near this price!

Has features found in NO other bench saw! Work goes much faster, easier because only brief adjustments of accessories are necessary for the next step on your job. Increased working surface from blade to front of table; tilting arbor provides an always-level working surface; all hand-wheel controls are conveniently located. Precision-built . . . meets rigid industrial shop requirements.

Massive, extra heavy duty construction! Extraordinary accuracy! More rigid saw base and stronger motor support, with pivot arm for smoother operation. Tension device between motor mounting plate and support reduces transmission of vibration and jumping of motor.

Table never tilts . . . work always lies flat! No more holding lumber at an awkward, uncomfortable angle. Motor, blade and arbor tilt together as a unit, any angle up to 45 degrees; belt never twists. Blade raises and lowers to vary depth of cut from 0 to 3⅜ inches.

Sealed precision ball bearings; lubricated for life! Extra-large 27x20-in. heavy cast semi-steel table; precision ground; grooved on both sides of blade. Working area in front of blade 13⅛-in. Rip fence usable on either side of blade clear to table edge. Single control lever locks fence at BOTH ends (NOT just in front). 10-in. combination rip and crosscut blade (⅝-in. bore) gives full 3⅜-in. depth of cut. See specification table at right. Blade, miter gauge, stop rods, rip fence, machine and motor pulleys and V-belt included. Guard assembly not included (see 9 A 2791 at bottom of page). Powr-Panl not included.

99 A M2752—Without guard assembly, motor, side extensions, or bench. Shipping weight 157 pounds . . . **$96.50**

99 A MT2753—With CRAFTSMAN ¾-H.P. 3450 R.P.M. ball-bearing capacitor motor (for 110-120-volt, 60-cycle A.C.). Shipping weight 195 pounds **$130.00**

99 A MT2754—With CRAFTSMAN 1-H.P. 3450 R.P.M. ball bearing capacitor motor (for 115–230-volt, 60-cycle A.C. Shipping weight 207 pounds **$141.00**

99 A 02769—**Side Table Extension.** For above. (2 shown on saw). Use on either side of table. Cast semi-steel; grid type. Widens table 10 in. With bolts and rip fence rack extension. Size 27x10 in. Wt. 20 lbs. . . . . Each **$11.95**

99 A 01042L—**CRAFTSMAN Power Tool Bench.** (Described on page 34.) Heavy duty. 26x26 in. 25 in. high. With 2 cross slide-rails. Shpg. wt. 41 lbs **$15.95**

9 A 2120—**CRAFTSMAN Powr-Panl.** A safe, convenient way to hook up motor, or motor and tool light. See page 34 for complete description. Shpg. wt. 1 lb. **$3.95**

SPECIFICATIONS

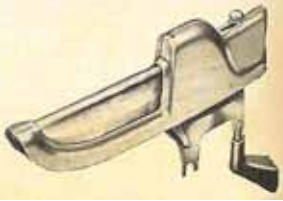
- Depth of cut, maximum . . . . . 3⅜ inches
- Type of blade . . . . . Combination
- Blade size . . . . . 10-inch diameter; ⅝-inch bore
- Table size . . . . . 27 inches long; 20 inches wide
- Table height . . . . . 12 13/16 inches
- Table tilt (maximum) . . . . 45 degrees
- Length of fence . . . . . 32¾ inches
- Base size . . . . . 14⅞ inches wide; 16 33/64 inches long
- Dado capacity (using 6-in. dado saw):
  width . . . . . 13/16 inches
  depth . . . . . 1⅜ inches
- Bearings . . . . . 2 sets sealed, lubricated for life
- Blade speed . . . . . 9000 peripheral feet per minute (approx.)
- Arbor speed recommended. 3450 R.P.M.
- Motor recommended (minimum) . . . . ¾-H.P. 3450 R.P.M.
- Machine pulley (included) . . 2½ inches
- Motor pulley (included) . . . . 2½ inches
- V-belt (included) . . . . . 43 inches long; ½ inch wide
- Mounting dimensions (hole centers) . . . . . 11¾ x 13 7/16 in.
- Over-all dimensions. Height 18½ inches; width 21½ inches; length 33⅜ inches

CRAFTSMAN "100" Saw Accessories

REG. U. S. PAT. OFF.

Dado Insert. For Model "100" Saw. Steel. Will accommodate dadoes up to 6 in.
9 A 2212—Shipping weight 8 ounces. Ea. **$1.25**
9 A 2213—**Molding Head Insert Steel.** Shipping weight 11 ounces **$1.25**

Saw Guard Assembly. For use on CRAFTSMAN "100." Automatic leveling guard tilts with blade; transparent plastic insert. Complete with guard, splitter, bracket, non-kickback pawls.
9 A 2791—Shipping weight 6 pounds **$10.25**



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More features than any other 8-in. Bench Saw we know of in this price range!

$61.50 CASH
Less guard, motor, extensions, stand
$6.50 DOWN

Do all this—and much more—
with this great **CRAFTSMAN** *Bench Saw*

Crosscut and Rip

Dado and Groove

Miter

Tongue and Groove

Edge Cut

Rabbet

CRAFTSMAN "80" 8-in.
REG. U. S. PAT. OFF.
Tilting-Arbor Bench Saw

"Floating-Drive" and "Mono-Control" blade adjustment

More for your Money!

A CRAFTSMAN 4-STAR Feature because it has been laboratory approved and compared in price and quality with other leading brands. We are convinced there's no finer value in America for performance and economy. The ONLY bench saw in this price range with ALL these features. .

- Floating motor mount eliminates need for special motor; controls belt tension.
- ONE wheel controls BOTH the angle and the depth of the cut.
- Special high-speed tilting adjustment.
- Special high-speed depth adjustment.
- Automatically maintains correct tilt and depth.
- ONE lever locks fence at BOTH the front and the back.
- Fence squares directly against table instead of guide bar, for perfect alignment.
- Double-row sealed precision ball bearings lubricated for life.
- Larger table area than any other saw we know of in this price range.

Never in the history of the industry has there been an 8-in. bench saw in this price range to match this superb CRAFTSMAN saw in quality, features, accuracy, and size! Massive, heavy duty construction throughout. Easily meets the most rigid requirements of professional craftsmen and large industrial shops. Extremely accurate in operation. Has features and operating advantages you'll find in no other bench saw!

New-type motor mount. Motor is mounted in a special support on the bench behind the saw. This stops transmission of motor vibration to the saw by eliminating any mechanical connection. Makes it easier to tilt blade because motor is not lifted, but is moved horizontally. Eliminates need for a special motor.

Big 20x17-inch table of heavy cast semi-steel. Precision-ground surface . . . all sides completely machined. Table has replaceable insert for dadoing, sanding, or grinding. Grooved on both sides of blade for use of miter gauge.

Many other quality features. Special mechanical arrangement tilts the arbor more rapidly than on ordinary tilting-arbor saws, without any loss of accuracy. Automatic-leveling guard tilts with saw blade; has non-kickback pawls and splitter. Entire guard assembly can be quickly and easily removed. One end of the miter protractor has been beveled for use over full length of table when saw blade is tilted to 45 degrees. Fence is made of tempered aluminum; carefully ground for trueness. Angle-of-tilt gauge easily read from normal operating position. 2-in. machine pulley, 2½-in. motor pulley and ½x40-in. V-belt are included. See specifications at right.

SPECIFICATIONS: 2½-in. max. depth of cut; Dado capacity (max., with 6-in. head)—width 13/16-in., depth 1½-in.; Combination-type blade, 8-in. diam. and ½-in. bore; Double-row precision ball bearings; Recommended arbor speed (about) 4500 RPM; Motor recommended (minimum)—½-H.P. 3450 RPM; Mounting dimensions (bolt holes)—11 3/16x11 3/16 in., (extremes of saw and motor brackets)—19 11/16x15 11/16 in.; Overall dimensions—height 14⅞ in., width 17 in., length 26 5/32 in.

99 A 02216L—Without guard assembly (see bottom of page), motor, table extensions, stand (see below). Wt. 67 lbs. **$61.50**

99 AT 2217L—With CRAFTSMAN ½-H.P. 3450 R.P.M. ball bearing capacitor motor. (110-120-volt, 60-cycle A.C.) Shipping weight 97 pounds. **$90.00**

99 AT 2218L—With CRAFTSMAN ¾-H.P. 3450 R.P.M. ball bearing capacitor motor. (110-120-volt, 60-cycle A.C.) Overload protector. Shipping wt. 105 lbs. **$95.00**

99 A 02956L—**CRAFTSMAN Steel Tool Stand.** (Shown with saw.) Base size: 16¾ in. wide, 21½ in. long, 5 3/16 in. high. Column size: 3½ in. diameter, 21 in. long. Machinery gray finish. Shipping weight 60 pounds. **$21.00**

99 A 02417—**Side Table Extension.** (2 shown on saw.) For either side. Grid-type; semi-steel. 8½ in. wide. With bolts, fence rack extensions. Shpg. wt. 13 lbs. . . . . Each **$7.95**

9 A 2356—**Front or Rear Table Extension.** (Not shown.) Roller type. With bolts. Shpg. wt. 7 lbs. **4.50**

9 A 2819—**4 Casters** for above stand; with Allen wrench. Shipping weight 2 pounds. **3.25**

CRAFTSMAN "80" Saw Accessories
REG. U. S. PAT. OFF.

Saw Guard Assembly. For use on the CRAFTSMAN "80" 8-inch Tilting Arbor Bench Saw. Complete with guard, splitter, and non-kickback pawls. Shipping weight 2 pounds.
9 A 2774. . . . . Only **$3.50**

Dado Insert. For use on model "80" 8-inch Saw when doing dado work. Long-life steel.
9 A 2405—Shipping wt. 12 oz. . . . . Only **$1.25**
9 A 2208—**Molding Head Insert Steel.** Shpg. wt. 12 oz. **$1.25**

CRAFTSMAN 8-inch Tilting-Arbor Bench Saw

REG. U. S. PAT. OFF.

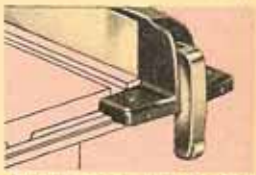
Fully Equipped with Large 17x14-inch Table

Tilting, raising and lowering of blade are all controlled by two convenient hand wheels

Blade and guard (NOT table and work) tilt any angle up to 45°, making work faster, easier

Double row, heat-treated, precision ground ball bearings . . NEVER need lubrication

"Floating motor mount" automatically controls belt tension, gives smoother operation



Fence control squares against front of table . . single lever locks at BOTH ends of table

A sensational value for an 8-inch tilting arbor bench saw . . . one of our finest offerings! New methods of manufacture make possible this amazing price. IMPORTANT—don't confuse this great tool with other tilting-arbor saws selling in this price range. Its rugged quality and exceptional accuracy in operation are almost unbelievable!

Floating drive motor mounting supports motor on a special mount on bench behind saw . . . smothers vibration . . . permits easier tilting . . . eliminates need for special motor. (Just slip the belt off, pick up the motor, and use it on other power tools with our regular motor rail clips.)

Super-lubricated sealed precision ball bearings have larger oil chamber than are usually used—NEVER need further lubrication. These double-row ball bearings form integral unit with arbor shaft and prevent misalignment.

Greatly improved fence design. ONE lever locks fence at BOTH front and back. Fence squares directly against front of table instead of usual guide bar, for accuracy. Can be used on either side of blade.

17x14-inch table of cast semi-steel has top AND sides machined. Blade and arbor tilt together to any angle up to 45°; raises and lowers to vary depth of cut.

Not a stripped model—complete with blade, guard, splitter, miter gauge, fence and machine pulley. (Use minimum of ½-H.P. motor; 3450 R.P.M. with 2½ inch pulley and 40-in. belt; or 1750 R.P.M. with 5 in. pulley and 44-in. belt.)

SPECIFICATIONS:

- Depth of cut (maximum) . . . . . 2¼ inches
- Blade . . . . . 8-inch combination-type with ½-inch bore
- Table size . . . . . 17x14 inches
- Dado capacity (maximum) with 6-inch head; width 13/16 inch; depth 1¼ inch.
- Bearings . . . . . Prelubricated, sealed for life; double-row precision ball
- Recommended arbor speed (approximate) . . . . . 4500 R.P.M.
- Motor recommended (minimum) . . . . . ½-H.P.; 3450 R.P.M. or 1750 R.P.M.
- Machine pulley (included) . . . . . 2-in.
- Motor pulley (not included) . . . . . 2½-in. for 3450 R.P.M.; 5-in. for 1750 R.P.M.

99 A 02424L—Without motor, extensions, bench, Powr-Panl. Shpg. wt. 50 lbs . . **$42.50**

99 A T2426L—With ½-H.P. 3450 R.P.M. ball-bearing capacitor motor (110–120-volt 60-cycle A.C.), 2½-in. motor pulley, 40-in. belt. Shpg. wt. 82 lbs. **$72.50**

99 A 02723—**Side Table Extension.** 7 in. wide. Shpg. wt. 10 lbs . . . . . Each **6.25**

9 A 2722—**Steel Dado Insert.** Shipping weight 7 ounces **1.00**

9 A 2206—**Molding Head Insert.** Shpg. wt. 14 oz **1.00**

99 A 01042L—**CRAFTSMAN Steel Power Tool Bench.** Heavy duty. 26x26 in. 25 in. high. (Described on page 34.) With 2 slide-rail supports. Shpg. wt. 41 lbs. **$15.95**

9 A 2926—**Circular Saw Instruction Book.** Shpg. wt. 2 oz **25c**

Our Lowest Priced 8-inch DUNLAP Bench Saw

REG. U. S. PAT. OFF.

$18.50 Saw only Without motor

17x13¾ in. table area (17x27¼ in. with side extensions . . . not included). Smooth ground cast iron table. Porous bronze bearings; oil well between spindle bearings. Carriage mounted on underside of table. 1 hand-wheel raises, lowers, locks 8-in. plain tooth combination rip and crosscut blade. 8⅜-in. clearance in front of blade. Miter gauge and self-aligning rip fence may be used either side. Insert removable for dadoing. Neither table nor arbor tilts. Heavy stamped steel base. With miter gauge, rip fence, blade, instructions.

SPECIFICATIONS: Depth of cut (maximum) 2⅝ in.; Blade 8-in. plain tooth combination with ½-in. bore; Table size (without extensions) 17x13¾ in.; Base size 13x9½ in.; Dado capacity (max.) with 6-in. head: width 13/16-in., depth 1⅝-in.; Bearings, self-lubricating porous bronze. Recommended arbor speed (approx.) 4600 R.P.M.; Motor recommended (minimum) ½-H.P. 1750 R.P.M. Recommended for light work; Machine pulley (included) 1½ in.; Motor pulley (not included) 4 in.; Overall dimensions 12⅝ in. high, 13¾ in. wide, 20⅝ in. long.

99 A 02465K—Saw only; without side extensions, saw guard assembly, motor, bench, motor pulley, floating rail, Powr-Panl or V-belt. Shipping weight 36 pounds **$18.50**

99 A T2466K—With DUNLAP ½-H.P. 1750 R.P.M. split phase motor. 110–120 volt, 60-cycle AC. 4-in. pulley, V-belt. Shipping weight 61 pounds **$33.50**

99 A 02725—**Side Table Extensions** for above saw. (Not shown.) 6¾x17-in. Shipping weight per pair 17 pounds . . . . . Pair **$6.75**

9 A 2495—**Guard Assembly** for above saw. Shipping weight 1 pound 6 ounces **1.50**

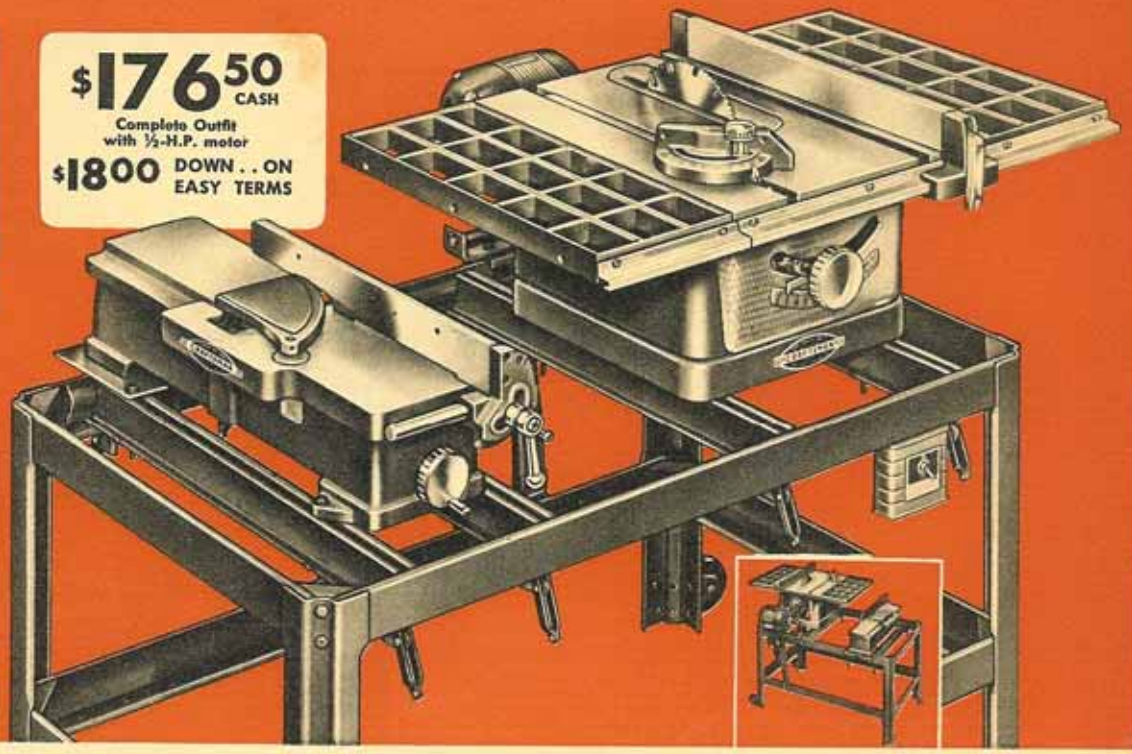
9 A 2275—**Floating Motor Rails.** Use one motor for several tools. Shpg. wt. 1 lb. 13 oz. **1.05**

Saw, Plane and Joint with 1 Motor and 1 Bench

DOUBLE UTILITY . . . Imagine the convenience! Bench saw and joint-planer are contained in same unit. Saw, plane or joint . . . it's an easy operation with this outstanding combination!

DOUBLE ECONOMY . . . You actually save TWICE. No extra motor or bench to buy. These rugged tools are mounted on the same bench, powered by one motor. AND it saves space too!

$176.50 CASH
Complete Outfit with ½-H.P. motor
$18.00 DOWN . . ON EASY TERMS



Bench Saw, Jointer-Planer Combination

8-inch Tilting Arbor Saw and 4⅜-inch Jointer-Planer

WE BELIEVE THIS IS THE MOST OUTSTANDING COMBINATION POWER TOOL WE HAVE EVER OFFERED! First you make all saw cuts with lumber in a **level position.** AND then you plane and joint without moving to another bench . . . all you need do is move motor and V-belt. Motor moves quickly . . . unused tool does not operate. No need for you to buy another motor, no need to buy another bench. You save money TWICE . . and you SAVE SPACE in your workshop.

CRAFTSMAN 8-inch Tilting-Arbor Bench Saw. Same saw as 99A02216L on page 3. With miter gauge, fence, machine pulley, motor pulley, belt with "Floating Drive." One wheel controls BOTH angle and depth of cut. Massive 20x17-in. table of cast semi-steel. Precision ground table top, sides machined for greater accuracy. Grooved on both sides of blade for miter gauge. 9⅜ inches in front of blade at full depth of cut. You can use the fence on either side of blade. DOUBLE row of precision ball-bearings NEVER need lubrication. 8-in. combination blade (½-in. bore) gives up to 2½ in. depth of cut. Arbor tilts any angle to 45°.

CRAFTSMAN 4⅜-inch JOINTER-PLANER. Same planer as 99A02334L on page 14. Rugged construction throughout. Solid steel cutter head has three 4⅜-inch high-speed steel knives. Massive cast semi-steel base extends full length of tables. Maximum depth of cut ⅝-inch; rabbet depth of cut ¾-inch. Fence tilts up to 45° in either direction. 2-in. pulley supplied.

Also included: (1) CRAFTSMAN ½-H.P. or ¾-H.P. Capacitor 3450 R.P.M. motor, 110–120 volt, 60-cycle A.C. (motor guaranteed 1 year). (2) Heavy Duty Combination Power Tool Bench. 44 in. long, 26 in. wide, with sliding motor carriage. No need for jack shaft kit. (3) Set of easy-rolling wheels (9A2244 below). (4) CRAFTSMAN Powr-Panl. (5) Two side table extensions (99A02417 below).

Bench Saw Specifications: 2½-in. maximum depth of cut; dado capacity (maximum with 6-in. head)—width 13 1/16-in., depth 1½ in.; 8-in. diameter combination blade (½-in. bore); double row ball bearings; recommended arbor speed (approx.) 4500 R.P.M.; motor recommended (minimum) ½-H.P. 3450 R.P.M.

Jointer-Planer Specifications: 4⅜-in. width of cut; depth of cut ⅜-in.; rabbet depth ⅝-in.; fence length 19⅛ in.; spindle diameter ½ in.; front table size 11 3/16 x 6⅝ in.; rear table size 11⅛x6⅝ in.; two sets of sealed precision ball bearings; recommended arbor speed (approximately) 4500 R.P.M.; motor recommended (minimum) ½-H.P. 1750 R.P.M. 2-in. machine pulley included.

99 A MT1312—Complete Outfit. As described above with ½-H.P. Capacitor motor, 110-120 volt, 60-cycle A.C. Shipping weight 248 pounds. **$176.50**

99 A MT1313—As above but with ¾-H.P. 3450 R.P.M. capacitor motor (110-120 volt, 60-cycle AC.) Shipping weight 256 pounds. **$182.00**

99 A 01043L—Heavy Duty Power Tool Bench. As above. Shpg. wt. 60 lbs. **$21.50**

CRAFTSMAN Bench Saw Accessories makes your Bench Saw EXTRA useful

A CRAFTSMAN Wheel Set. For power tool bench . . . permits easy moving of bench. Fit on two legs. You simply lift one end and roll bench. Works on same principle as wheelbarrow. No straining; weight is evenly distributed on two wheels. Heavy plate frame . . hard rubber wheels. Shpg. weight 2 lbs. 4 oz.
9 A 2244—Set . . . $1.95

B CRAFTSMAN Miter Gauge. Has exclusive features found on no other bench saw miter gauge. Heavy die-cast construction. Self-indexing type with special "hypodermic" type grip used to control indexing plunger which automatically disengages before next setting is made. Indexing stops are adjustable to 90° and 45° in both directions. Can be used on either side of blade. Fits 99AM2727, 99AM2752, 99A02216L bench saws.
9 A 2720—Wt. 5 lbs. 3 oz. $7.95

C Side Table Extension. For bench saw. (Two shown on saw.) Increases your table area by 170 square inches! Allows you to handle larger boards with greater safety. Heavy-duty cast semi-steel grid-type construction. Top smoothed so work slides easily. Easy to install. Complete with necessary bolts and fence rack extensions. Size 8½-in. wide; 20-in. long. Shpg. wt. 13 lbs.
99 A 02417 . . . . Each $7.95

D CRAFTSMAN Miter Gauge. One of your most useful bench saw attachments. Use your miter gauge not only for making miter cuts, but also when crosscutting, and taper ripping. Miter gauge used with easily made extension improves use as support or helps eliminate blade creep. Scaled from 30° to 90°. ¾-in. wide x ⅜-in. thick x 15 13/16-in. long bar fits in miter groove in table top. Heavy duty . . . knurled knob locks gauge in place.
9 A 2246—Shpg. wt. 4 lbs. 4 oz. $6.25
9 A 2125—Miter Gauge Stop Rods. Set of 2. Shpg. wt. 12 oz. **$1.05**

E CRAFTSMAN Blade Sharpener. Now you can swiftly and easily sharpen straight edge blades in your own workshop. New blade sharpener attachment for use on bench saw with miter grooves ⅝ to ¾ inch wide, measuring no more than 5 inches from face of blade backup collar to center of left hand miter slot. Quickly sharpens jointer-planer knives; wood chisels, planes, and other straight edge cutting blades. Engineered to sharpen bevel faces, 25 to 40° angle with precision hollow grinding. Use with 9A6412 grinding wheel (6x½-in.) on page 50.
9 A 2658—Shpg. wt. 7 lbs. 4 oz. . $6.95

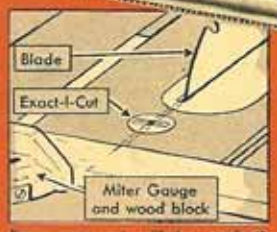
Take advantage of Sears Easy Payment Plan . . Pay for your tools as you use them.

NO OTHER FLOOR MODEL SAW OFFERS ALL 3 OF THESE "EXTRAS" AS STANDARD EQUIPMENT . .

1—10-inch carbide-tipped blade . . lasts 20 times longer
2—Exclusive "Exact-I-Cut" . . shows exact blade kerf size
3—Two large 27x8-inch grid-type table extensions

OUT-PERFORMS 5 OTHER LEADING MAKES!
Based on actual comparison tests with 5 leading competitive models: CRAFTSMAN, with its 15 outstanding features, is rated superior in Design, in Construction, in Sawing Performance!

Die cast, adjustable miter gauge has grooved face; "hypodermic" type grip controls plunger for unfailing accuracy. Sets at 90 and 45 degrees (left and right).



Know your cut will be perfect! Exact-I-Cut, found on no other saw, shows exact size of saw kerf, aligns blade perfectly with cut-mark!

7 Features Most Valuable to You!

★ **Saw Blade** . . .10-in. carbide tip blade (5/8-in. bore) as standard equipment. (See page 8.)

★ **Table Extensions** . . . Pair, 8x27-in. Grid type, standard equipment on this new saw.

★ **Miter Gauge** . . . Gives pre-set accuracy never before obtained! (Shown above left).

★ **Rip Fence** . . . Heavy cast iron, double locking with one lever . . . built to take roughest use. Rides smooth and free on steel roller in rear. Can be removed easily from any point on saw . . . Simply push in at front, lift up at rear. Micro-adjustment now makes fence alignment accurate, easy.

★ **Rip Fence Bar** . . . Graduated scale runs in both directions to show rip width on either side of blade. Extra scale included for use when both extensions are placed on one side of saw.

★ **Exact-I-Cut** . . . Eliminates "mis-cuts" caused by guessing width of blade. Adjusts to blade kerf size. (Shown above right).

★ **Cast Iron Table with extensions** . . . 36x27 inches, heavily ribbed.

$219.50 CASH
Without motor, guard
$22.00 Down
USE SEARS EASY TERMS

Double-row grease sealed precision ball bearings NEVER need lubrication!

CRAFTSMAN "INDUSTRIAL"
This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN 10-in. Tilting-Arbor Floor Model Saw

REG. U. S. PAT. OFF.

A Product of Planning! Yes, only a long, long period of planning and experiment could have produced this saw, proven in performance tests, fully supported by Sears reputation, a credit to its title, CRAFTSMAN—finest name in hardware! An industrial Giant unsurpassed for home, farm, or school work shops.

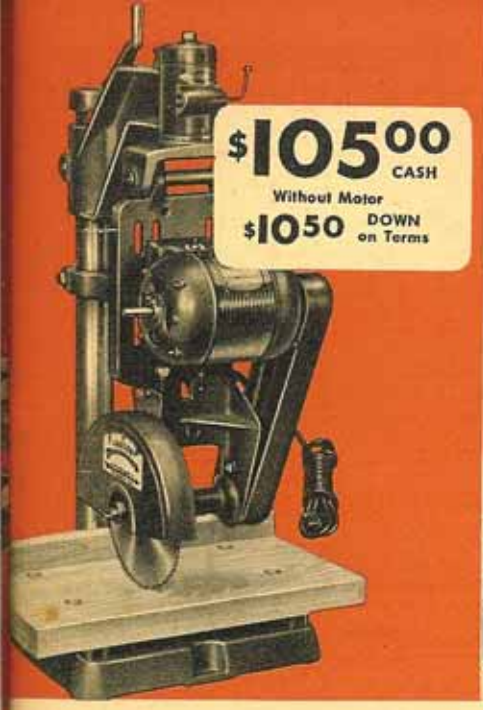
Here are more outstanding features: Cast iron frame has rigid, box section construction (enclosing elevating screws). Rigid cast iron motor mount (with safety catch in case of belt breakage), is supported by two 3/4-inch diameter rods in vertical plane on rear of frame. The table insert surrounding blade can be adjusted from top to keep insert perfectly level with table. Each control has a minimum of play and very smooth action unaffected by motor weight.

Built-in sawdust chute ahead of blade is a rigid steel stamping. Double 5/8-in. V-belt drive; matched belts. Cast iron motor mount, pulleys, and belt guard included. Motor, switch, saw guard, dado insert, and wheel set not included. For switch 9 A 1923 see page 34.

SPECIFICATIONS

- Depth of cut, maximum . . . . . 3 1/4-in.
- Size and type of blade . . . . . 10-in. carbide tipped (5/8-in. bore)
- Length of fence . . . . . 31 9/16-in.
- Bearings . . . . . 2 sets sealed ball; lubricated for life
- Arbor speed recommended . . . 3450 R.P.M.
- Table size with extensions . . . . . 36x27-in.
- Base size . . . . . 22 3/4x19 1/4 in.
- Motor recommended . . . . . (min.) 1-H.P.; (industrial) 1 1/2-H P. . . . . 3450 R.P.M.
- Machine pulley (included) . . . 2 1/2-in. (dual)
- Motor pulley (included) . . . . . 2 1/4-in. (dual)
- V-belts (2 matched belts) . . . . . 5/8x44 in.
- Overall dimensions . . . . . Depth 36 1/2 in. Height 37 3/8; Width 36 in.

99 A M2727—Floor Model Saw without motor. Shipping weight 293 pounds $219.50
99 A MT2786—As above, but with 1-H.P. 3450 R.P.M. ball-bearing capacitor motor (115–230-volt, 60-cycle A.C.) With overload protector. Shipping weight 354 pounds $264.00
9 A 2732—**Saw Guard Assembly** for above saw. Shipping weight 4 pounds 11.95
9 A 2747—**Dado Insert** for above saw. Shipping weight 12 ounces 3.50
9 A 2209—**Molding Head Insert.** Shpg. wt. 2 lbs. 6 oz. 3.50
9 A 2748—**Wheel Set.** (Shown above.) Shipping weight 6 pounds 8 ounces 5.75
9 A 2720—**Miter Gauge** for above saw. Shipping weight 5 lbs. 3 oz. 7.95
9 A 2721—**Smooth-Cut Collars** steady blade, dampen vibration. Wt. 8 oz. . . . . Set of 2 2.25
99 A 02731K—**Motor Mount** for 1 1/2 HP motor. With 3-groove pulley, 3 matched belts. For use with motors 99 A 01988L, 99 A 01933L, or 99 A M1917—see pages 44 and 45. Shipping weight 23 pounds $23.50



Amazingly Versatile!

A COMPLETE SAW SHOP IN ONE SAW!

Here's what a CRAFTSMAN Radial Saw can do! It bevel cuts, rouls, miters, compound miters, tenons, cuts grooves, rafters, dadoes, ploughs, crosscuts, rips, rabbets, drum sands, —even shapes with proper cutters!

CRAFTSMAN Swing Saw

Fast, free operation with no wasted motion . . pull saw through lumber . . weight of swing arm returns blade. This operation is faster and easier than pushing lumber into the blade. Rips, crosscuts, dadoes, miters, etc. Ideal for millwork plants, shipping rooms, etc. For heavy duty work.

Swivels from 0 to 90° right or left; gives vertical cut by degrees. Cast-iron base and elevating arm; 2¾-in. steel column. Pin locks swing arm in vertical position for ripping or dado work. Another pin locks at 0°, 45°, or 90° for miter cuts. Extra safe! Adjustable blade guard, belt guard. Portable! Can be partially disassembled quickly for transporting. Equipped with 10-in. V-tooth crosscut blade, ¾-inch bore; 3-in. diameter ⅝-in. bore machine and motor pulleys; ½x38-in. V-belt.

99 A M2545—Without motor. Shipping weight 203 pounds **$105.00**

99 A MT2547—With ¾-H.P. 3450 R.P.M. 110–120 volt, 60-cycle A.C. capacitor motor. Shipping weight 247 pounds **$138.50**

99 A MT2548—With 1-H.P. 3450 R.P.M. 115–230 volt, 60-cycle A.C. capacitor motor. Shipping weight 253 pounds **$149.50**

9 A 4951—CRAFTSMAN V-tooth Crosscut Saw Blade. *Specify 10-in. diameter, ¾–⅝-inch arbor hole.* Shipping weight 1 lb. 12 oz **$2.98**

SPECIFICATIONS:

- Depth of cut (maximum) . . with 10-in. blade, 3 in.;
- Crosscut width (max.) . . with 10-in. blade, 16 in.;
- Ripping width (max.) with table fence 11 7/16 in.; without fence 13½ in.
- Angle of cut range. 90° right, to 90° left, in 1° graduations.
- Miter cut (maximum) . . with 10-inch blade, 3x8¾-inch.
- Width of miter cut (maximum) . . at 60°, 14⅛ in.; at 45°, 11½ in. at 22½°, 6¼ in.
- Dado capacity with 6-inch dado saw . . width, 1 inch; depth, 1 inch.
- Table size . . . . . 11⅞x24 inches.
- Base size . . . . . 24x18½ inches.
- Column diameter . . . . . 2¾ inches.
- V-Tooth Crosscut blade included . . diameter 10 inches; bore ¾ inches.
- Bearings, arbor . . . two sets sealed, precision ball
- Arbor speed recommended (approx.) . . . . 3450 R.P.M.
- Motor recommended (minimum) . . ¾-H.P. 3450 R.P.M.
- Machine pulley (included) . 3-in. diam.; ⅝-in. bore.
- Motor pulley (included) . . 3-in. diam.; ⅝-in. bore.
- V-belt (included) . . . . . ½x38 inches
- Over-all dimensions. Height 41¾ in.; depth 26½ in.; width 24 in.

CRAFTSMAN 10-inch and 12-inch Radial Saws

It's a Woodworking Wonder! Crosscuts, rips, miters, compound miters, rabbets, and even shapes with proper cutters! Neither band saw, bench saw, nor swing saw can do as many jobs or move as easily to so many positions. You'll find the CRAFTSMAN Radial Saw quick to adjust to any position—and a pleasure to handle when in place. It's truly a **precision** power tool. Cutting is done through the top of the work . . . you can see exactly where the blade enters wood. Its two sets of sealed ball bearings never need lubrication!

You'll like CRAFTSMAN's massive 15x42-inch table, too. It enables you to handle longer, wider lumber—speeds up production. And remember! The CRAFTSMAN Radial Saw is capable of doing the tasks of several saws . . . but it occupies the floor space of only one! If you're production-conscious, you'll welcome CRAFTSMAN's near-perfect accuracy and swift-cutting power. If you're budget-conscious, you'll appreciate the way each CRAFTSMAN feature stretches your overhead dollar . . . and the way your profits increase accordingly!

Saw pulls through work; swings, tilts, and locks in any position; has quick-setting stops for 0, 45 and 90 degrees. Controls conveniently located at front of saw. Automatic front-pivoted guard encloses blade edge for greater safety. Anti-kickback pawls. 15x42-in. wood work table with removable fence; 28x36-in. stamped steel base. (Steel legs and lower shelf not included—sold separately under 99 A M2159F below.)

***SHIPPING NOTE:* Catalog Numbers ending in "F" shipped from factory in Cincinnati, Ohio. For details on Sears Easy Terms, see inside back cover.**

CRAFTSMAN 10-inch RADIAL Saw

99 A M2361F—With 10-in. carbide tipped 8-tooth combination blade (1-in. bore); 1-H.P. 3450 R.P.M. single-phase, capacitor motor (115–230 volt 60-cycle A.C.) Shipping weight 350 pounds. *$34.00 Down on Sears Easy Terms* . . . . . Cash **$340.00**

99 A M2159F—Set of 4 steel legs and lower shelf for above radial saw. (See shipping note above.) Shipping weight 50 pounds **$25.00**

9 A 4943—Extra Carbide-tipped Blade for above. 1-in. bore. *State 10 in. blade diameter.* Shipping weight 2 pounds 8 ounces **$10.95**

SPECIFICATIONS:

- Depth of cut, maximum . . . . . 2⅛ inches
- Crosscut capacity, maximum . . . . 12⅛x2⅛-in. stock
- Ripping width, maximum . . . . . 24¾x2⅛ inches
- Arbor tilt, maximum . . . . . 90° right
- Angle of cut range. . . . . 0 to 90° right or left
- Maximum width and depth of 45° compound miter cut, (motor turned and tilted to 45°) . . . 8 11/16x1⅞ in.
- Maximum width and depth of miter cut (motor turned to 45°) . . . . . 9¼x2⅛ inches
- Dado capacity with 8-inch diam. x 1-in. bore dado saw . . . . . width 1 in. . . depth 1⅛ in.
- Table size 15x42 in. . . . . Base size 28x36 in.
- Table height . . . . . without legs 7½ inches; with legs 36 inches
- Length of fence . . . 42 in.; length of stroke . . . 16 in.
- Column diameter, vertical . . 3 in.; horizontal, 2½ in.
- Bearings, arbor . . 2 sets sealed precision ball bearings
- Arbor speed (approximate) . . . . . 3450 R.P.M.
- Motor . . . 1-H.P. 3450 R.P.M., single phase, capacitor; 115–230 volt, 60-cycle A.C
- Over-all dimensions (saw only) . . . Height 33½ in.; depth 28 in.; width 42 in.

CRAFTSMAN 12-inch RADIAL Saw

99 A M2360F—With 12-in. carbide tipped 12-tooth combination blade (1 inch bore); 2-H.P. 3450 R.P.M. single phase capacitor motor (115–230 volt, 60 cycle AC). Lead wires terminal switch box mounted on saw base. Shpg. wt. 370 lbs. **$395.00**

99 A M2159F—Set of 4 steel legs and lower shelf for above radial saw. (See shipping note above.) Shipping weight 50 lbs. **$25.00**

9 A 4943—Extra Carbide-tipped Blade for above. 1-in. bore. *State 12-in. blade diameter.* Shipping weight 4 pounds 8 ounces **$17.50**

SPECIFICATIONS:

- Depth of cut, maximum . . . . . 3⅛ inches
- Crosscut capacity, maximum . . . . 13x3⅛ in. stock
- Ripping width, maximum . . . . . 24¾x3⅛ inches
- Arbor tilt, maximum . . . . . 90° right
- Angle of cut range . . . . . 0 to 90° right or left
- Maximum width and depth of 45° compound miter cut, (motor turned and tilted to 45°) . . . 6½x2¾ in.
- Maximum width and depth of miter cut (motor turned to 45°) . . . . . 13x2¾ in.
- Dado capacity with 8-inch diam. x 1-in. bore dado saw . . . . . width 1 in. . . . . depth 1⅛ in.
- Table size 15x42 in. . . . . Base size 28x36 in.
- Table height . . . . . without legs 7½ inches; with legs 36 inches
- Length of fence . . 42 in.; length of stroke 16 in.
- Column diameter, vertical . . 3 in.; horizontal, 3 in.
- Bearings, arbor . 2 sets sealed precision ball bearings
- Arbor speed (approximate) . . . . . 3450 R.P.M.
- Motor . . . . . 2-H.P., 3450 R.P.M., single phase, capacitor; 115–230-volt, 60 cycle A.C.
- Over-all dimensions (saw only) . . . . Height 33½ in.; depth 28 in.; width 42 in.

Accessories for your CRAFTSMAN Radial Saw

Accessories below fit 10 and 12-inch radial saws

[A] **9 A 1576F—Adapter.** For dado saws, groovers, shaper cutter head, shaper cutters, sanding disc. ½-inch spindle; ½-20 left-hand thread. Also fits accessories with ½ inch plain bore. Shipping weight 4 pounds. (See shipping note above.) **$10.70**

[B] **9 A 1577F—Adapter for Router Bits.** Also fits accessories with ¼-inch shank. Shipping weight 2 lbs. (See shipping note above.) **$5.60**

[C] **9 A 1578F—Spacers for Radial Saw Adapter.** 1-inch bore; 3-inch outside diameter. Available in 1/16, ⅛, ¼, ⅜ and ½ inch thick. *State thickness wanted.* Shpg. wt. 1 lb. (See shipping note above.) . . . . Each . **$2.00**

[D] **9 A 1579F—Collars fit Radial Saw Adapter.** ½ in. bore x 2-in. outside diameter; 3/16-in. thick. Shpg. wt. 8 oz. (See shipping note above.) . . . . . Set of 2 . . . **$3.00**

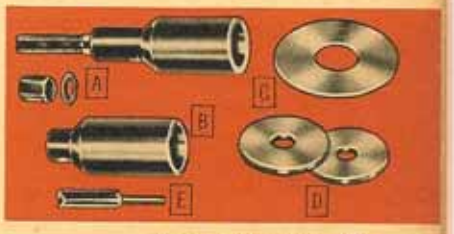
[E] **9 A 1580F—Left-hand Router Bits.** Sizes: ⅛, ¼, ⅜, ½, ⅝ and ¾ in. diameter. *State diameter wanted.* Shpg. wt. 3 oz. (See shipping note above.) . . . . . Each **$3.90**

10-in. Radial Saw Blades. *See page 8 for 12-in. blades. Specify 1-in. arbor.* (All radial saw blades described on page 8.)

9 A 4951—10-in. Crosscut Blade. 1-in. arbor. Shpg. wt. 1 lb. 12 oz **$2.98**

9 A 4939—10-in. Hollow Ground Combination Blade. 1-in. bore. Shpg. wt. 1 lb. 10 oz **$7.25**

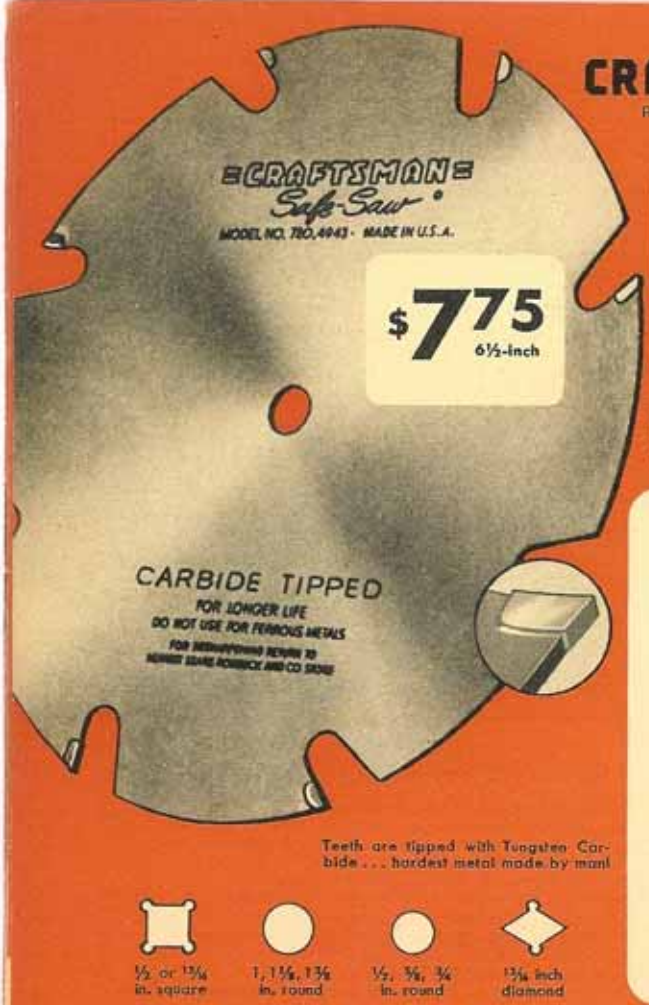
For extra carbide-tipped blades see page 8.



CRAFTSMAN Carbide Tipped Saws

REG. U.S. PAT. OFF.

Greater Safety . . Much Longer Life



Teeth are tipped with Tungsten Carbide . . . hardest metal made by man!

½ or 13/16 in. square | 1, 1⅛, 1⅜ in. round | ½, ⅝, ¾ in. round | 13/16 inch diamond

Safer . . only 8 teeth, each projects just .020-in. above non-cutting edge

Tips are stronger, blade wears 20 times longer than ordinary steel saws.

Whichever type saw you own—bench, electric, hand, radial, swing, builders, or floor model—there's a CRAFTSMAN Carbide Blade designed-to-fit.

Outlast ordinary blades 20 times!

One of these saw blades—10-in. diameter—actually sawed over 27 miles of ⅜-in. laminated Masonite Presdwood without sharpening, without breaking, until damaged by a steel object!

Tungsten carbide has often been called "the man-made diamond." It's the hardest metal yet developed. Each of the eight teeth (12 on 12-in. blade) has been tipped with this amazing metal forming the toughest cutting teeth available.

Actually costs less to use than ordinary saw blades . . because they last up to 20 times as long as ordinary blades. Safer 8-tooth design (12 on 12-in. blade). Each tooth projects only .020 in. above non-cutting edge. Saw can't grab . . protects you from kickback injuries. Cuts faster, easier.

Cuts all these materials: all types of wood, plastics, plywood, Formica, Masonite Presdwood, Transite, laminates, asbestos, abrasive roofing materials, aluminum, zinc, etc. (Do NOT use for cutting masonry, steel, iron, or other ferrous metals.) *Order from table below.* Fit all types and size saws with round, square and diamond shaped arbors. Use to rip, cross-cut and miter.

9 A 4943—*Please state diameter, arbor hole size and shape wanted.*

Diam.	Arbor Hole	Fits these saws	Shpg. wt.	Price
5⅞ in.	13/16-in. diamond	6-inch Skil-saw	1 lb.	$7.75
6 in.	½-in. square	Mall and DUNLAP 99A02572	1 lb.	7.75
6 in.	*⅝–½-in. round	Porter-Cable; bench saws	1 lb.	7.75
6⅛ in.	1⅛-in. round	6-inch Black and Decker	1 lb.	7.75
6½ in.	½-in. round	CRAFTSMAN 99A02553; bench saws	1 lb.	7.75
7 in.	*⅝–½-in. round	Bench saws	1 lb. 4 oz.	8.25
7 in.	13/16-in. diamond	Skil-saw, Electric Hand Saw and Sears former model 02186	1 lb. 4 oz.	8.25
7 in.	½-in. square	Mall	1 lb. 4 oz.	8.25
8 in.	*⅝–½-in. round	CRAFTSMAN 99A02557; bench saws	1 lb. 8 oz.	8.75
8 in.	13/16-in. diamond	Skil-saw	1 lb. 8 oz.	8.75
8 in.	13/16-in. square	Mall electric saw	1 lb. 8 oz.	8.75
8 in.	1⅜-in. round	Black and Decker electric saw	1 lb. 8 oz.	8.75
10 in.	*1—¾–⅝-in. round	Bench, builders', radial, swing saws	2 lbs. 8 oz.	10.95
†12 in.	*1—¾-in. round	Radial, swing, and bench saws	4 lbs. 8 oz.	17.50

*Arbor bushed to accommodate either size arbor shown. †12 teeth

CRAFTSMAN Chisel-Tooth Blades

REG. U.S. PAT. OFF.

Cut up to 30% longer before resharpening

$1.69 6-inch

ARBOR HOLES

½ or 13/16 in. square

½ or ⅝ in. round

¾, 1, 1⅛ or 1⅜ in. round

Diamond shaped

Combination-type. Heat-treated. Chrome-nickel-molybdenum steel.

Bevel-filed, chisel-shaped tooth has greater hook angle. Cuts 30% longer before resharpening than standard or fancy-tooth combination blades. Easy to sharpen and reset because of shape of tooth . . reduces vibration. Saw teeth automatically set and filed. Deep gullets to clear out sawdust.

9 A 4955—*State saw diam., arbor shape, arbor diam.*

Teeth	Diam.	Arbor	Fits these Saws	Shpg. wt.	Each
16	5⅞ in.	13/16 in. diamond	Skilsaw electric saws	12 oz.	$1.69
16	6 in.	½ in. square	Mall, Pet, and our former No. 2572	12 oz.	1.69
16	6 in.	*⅝-½ in. round	Bench Saws	12 oz.	1.69
16	6⅛ in.	1⅛ in. round	Black-Decker saw	12 oz.	1.69
16	6¼ in.	½ in. square	Pet, and our former No. 2572	12 oz.	1.69
16	6½ in.	½ in. round	Craftsman 6½-in. electric saw	10 oz.	1.69
18	7 in.	*⅝-½ in. round	Bench saws	14 oz.	1.89
18	7 in.	½ in. square	Mall electric saws	14 oz.	1 89
18	7¼ in.	13/16 in. diamond	Skilsaw, and our former No. 2186	14 oz.	1.89
20	8 in.	*⅝-½ in. round	Craftsman 8-in. electric saw, Bench saws	1 lb. 2 oz.	1.98
20	8⅛ in.	13/16 in. diamond	Skilsaw electric saws	1 lb. 2 oz.	1.98
20	8¼ in.	1⅜ in. round	Black-Decker saws	1 lb. 2 oz.	1.98
20	8½ in.	13/16 in. square	Mall electric saws	1 lb. 2 oz.	1.98
24	10 in.	*¾-⅝ in. round	Bench saws	1 lb. 12 oz.	2.98
24	12 in.	*1-¾ in. round	Radial, swing and commercial saws	2 lbs. 5 oz.	4.29

*Arbors bushed to fit either size arbor indicated

CRAFTSMAN Circular Saw Blades

REG. U.S. PAT. OFF.

Professional quality. CRAFTSMAN Circular saws are produced by improved machine methods that eliminate many costly hand processes. You pay LESS for a MORE accurate saw! The gradual taper of a CRAFTSMAN Hollow-ground blade means greater strength . . . allows saw to run without set . . . won't bind.

Electrically-controlled furnaces hold saws flat, temper them under pressure—give blades toughness, long-lasting edges. **Chrome-nickel-molybdenum steel;** heat-treated; evenly tensioned to run true. Accurately ground for better balance and surface finish; pitch and gum are less likely to stick. Deep sawdust-freeing gullets. Cut smooth and easy—won't choke or bind. Stand hardest production use.

A B **CRAFTSMAN Flat-ground CROSSCUT and RIP SAWS.** *Please state catalog number, center hole size, and diameter of saw wanted when ordering.*

Diam.	Gauge	Center Hole, in.	R.P.M.	Shipping weight	[A]9A4925 Crosscut	[B]9A4926 Rip
6 in.	18	*⅝–½	5080 to 7640	12 oz.	$1.69	$1.69
7 in.	18	*⅝–½	4350 to 6550	13 oz.	1.89	1.89
8 in.	18	*⅝–½	3820 to 5730	1 lb. 2 oz.	1.98	1.98
10 in.	16	*¾–⅝	3050 to 4580	1 lb. 12 oz.	2.98	2.98
12 in.	15	*1–¾	2540 to 3820	2 lbs. 11 oz.	4.29	4.29

C **CRAFTSMAN Flat-ground COMBINATION SAWS.** For crosscutting, ripping or mitering. *Be sure to specify center hole size and diameter of saw wanted when ordering.*

Diam.	Gauge	Center Hole	R.P.M.	Shpg. wt.	9A4937
6 in.	18	*⅝–½ in.	5080 to 7640	10 oz.	$1.69
7 in.	17	*⅝–½ in.	4350 to 6550	13 oz.	1.89
8 in.	17	*⅝–½ in.	3820 to 5730	1 lb.	1.98
10 in.	16	*¾–⅝ in.	3050 to 4580	1 lb. 12 oz.	2.98
12 in.	15	*1–¾ in.	2540 to 3820	2 lbs. 9 oz.	4.29

D **CRAFTSMAN Hollow-ground COMBINATION SAWS.** For fine woodworking . . ripping, crosscutting or mitering. 3-gauge taper grinding gives free, easy cutting. Cuts smooth enough to glue work without sanding. Cuts slightly slower than flat ground saw. *Please specify center hole size and saw diameter wanted when ordering.*

Diam.	Ga. Taper	Center Hole	R.P.M.	Shpg. wt.	9A4939
6 in.	15 to 18	*⅝–½ in.	5080 to 7640	9 oz.	$2.69
7 in.	15 to 18	*⅝–½ in.	4350 to 6550	12 oz.	2.98
8 in.	15 to 18	*⅝–½ in.	3820 to 5730	1 lb.	3.89
10 in.	14 to 17	*¾–⅝ in.	3050 to 4580	1 lb. 10 oz.	7.25

*Arbors bushed to fit either size arbor indicated.

Silicon Carbide Grinding Wheels

Grinding Wheels for sharpening carbide-tipped tools. Regular grinding wheels will not adequately grind or sharpen your carbide tools. Vitrified green silicon carbide . . recently developed, makes carbide grinding available at a low cost. ½ in. thick. 1-in. center hole. Bushings furnished for smaller shafts. *State catalog number, wheel and shaft diameter.*

See Safety Information Page 50.

9 A 6424—Fine grit. 6-in. diam. Shpg. wt. 3 lbs. $1.98
Fine grit. 7-in. diam. Shpg. wt. 3 lbs. 3 oz. 2.25
9 A 6425—Coarse. 6-in. diam. Shpg. wt. 3 lbs. 1.98
Coarse grit. 7-in. diam. Shpg. wt. 3 lbs. 3 oz. 2.25

New Fine-Finish Blades Give smoothest cuts possible

Professional Blades at regular blade prices

[A] **CRAFTSMAN Fine Tooth Cross Cut Blade.** Thin gauge . . . for finest crosscutting possible. For hard or soft wood . . . also ideal for Celotex, wallboard, etc. Cuts all plywood with a limited amount of splintering. Use on CRAFTSMAN 6½ and 8-inch Electric Hand Saws and all bench saws using blade with ⅝-in. round arbor hole. Made of finest chrome-nickel-molybdenum steel alloy, heat treated and tempered for longer use without dulling. Size 6½-in. diameter with ⅝-in. round arbor.
9 A 4962—Shipping weight 9 ounces..... **$1.69**

[B] **CRAFTSMAN Cabinet Combination Blade.** Designed for bench saw use on work where the finest possible cut is desired. Extremely thin gauge (.030-in.). Made from high quality chrome-nickel-molybdenum alloy steel. Combination-type teeth . . . it rips, crosscuts, or miters equally well on hard or soft wood. Cuts with a minimum amount of waste . . . so smoothly that glue joints can be made without jointing. 7-inch diameter with ½ or ⅝-in. round arbor hole. Use on 7-in. to 10-in. bench saws. *State arbor hole size wanted.*
9 A 4963—Shipping weight 9 ounces..... **$1.89**

CRAFTSMAN Veri-Thin Plywood Blades. (Not shown.) For cutting plywood with minimum of splintering; also for fine finish work. Made of .030-in. gauge chrome-nickel-molybdenum steel; heat treated and tempered. Two sizes: 4-in. diam. with ⅝-in. round arbor hole, for 6½ and 8-in. CRAFTSMAN Electric Hand Saws, ⅝-in. electric drill attachments, and some bench saws. 7-in. diam. with ½ or ⅝-in. round arbor hole, for 7, 8, and 10 in. bench saws. *State diameter and arbor hole wanted.*
9 A 4964—**4-in. diameter.** Shpg. wt. 3 oz..... **$1.19**
7-in. diameter. Shpg. wt. 9 oz..... **1.89**

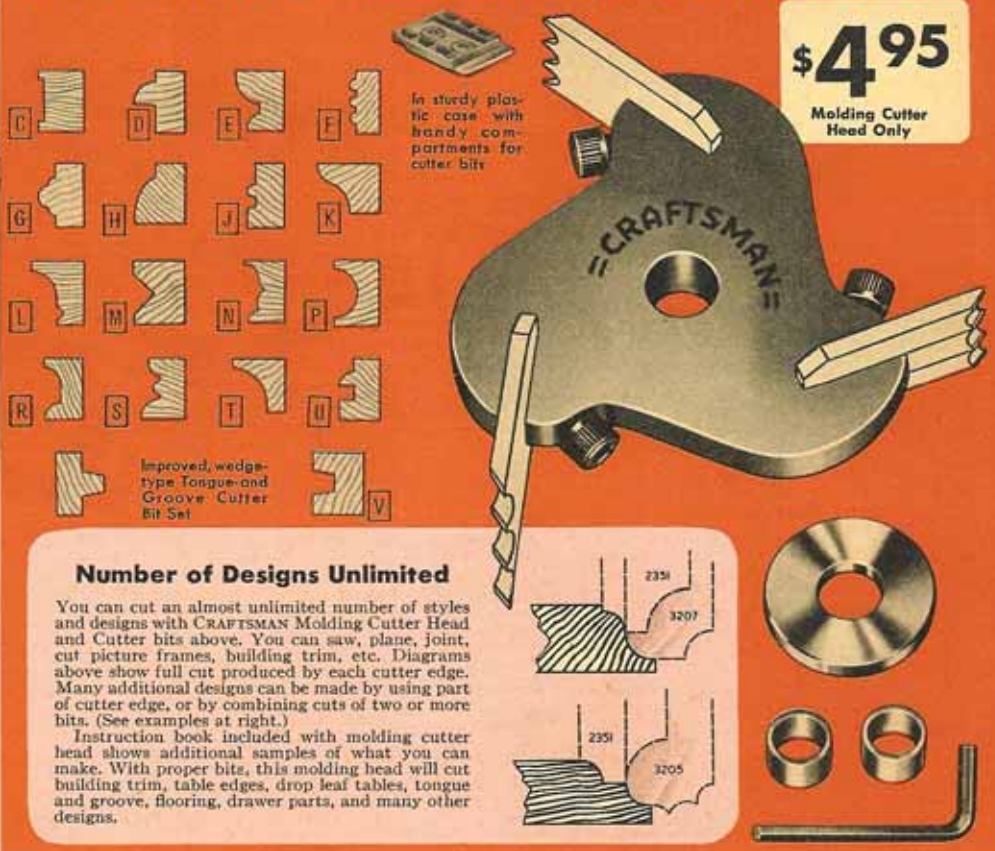
Nail-cutting Blades

CRAFTSMAN. (Not shown.) Ideal for heavy-duty production work. Improved tooth design. Cuts lumber containing nails, wire, etc. Carefully made of special high carbon saw steel, heat-treated and properly tensioned. Also ideal for rough work . . . BOTH ripping and crosscutting. These features plus its rugged construction make it perfect for factories, shops, contractors, etc. *Arbors bushed to fit either arbor indicated.*
9 A 4928—*State diameter wanted.*
6-in. ⅝-⅜-in. round arbor hole; fits 99A02553, saw and bench saws. Shpg. wt. 9 oz..... **$3.75**
8-in. ⅝-⅜-in. round arbor hole; fits 99A02557, saw and bench saws. Shpg. wt. 1 lb..... **$4.85**

CRAFTSMAN Molding Cutter Head

REG. U. S. PAT. OFF.

and Cutter Bit Sets . . . Make Bench Saw Extra Useful



Number of Designs Unlimited

You can cut an almost unlimited number of styles and designs with CRAFTSMAN Molding Cutter Head and Cutter bits above. You can saw, plane, joint, cut picture frames, building trim, etc. Diagrams above show full cut produced by each cutter edge. Many additional designs can be made by using part of cutter edge, or by combining cuts of two or more bits. (See examples at right.)

Instruction book included with molding cutter head shows additional samples of what you can make. With proper bits, this molding head will cut building trim, table edges, drop leaf tables, tongue and groove, flooring, drawer parts, and many other designs.

Convert your Bench Saw to a Jointer, Planer and Shaper

- Positive-grip safety lock aligns bits accurately, securely; easy to replace bits.
- Fits most bench saws with ½, ⅝ or ¾-in. arbors; fits most dado inserts.
- Made of special analysis steel; heat treated and tempered; balanced for safety.
- Cutter head design is exclusive with Sears (patent applied for).

Compare these outstanding features with any other molding cutter head . . you'll agree there is none finer.

Save lumber costs . . save time. Make your own moldings, building trim, tongue and groove flooring.

It's EASY with your bench saw and this CRAFTSMAN Molding Cutter Head. Number of styles and designs you can cut is limited only by your imagination. Cuts can be planned to overlap, to just meet or be separated by uncut wood. Comes with wrench, spacer washer, bushings, instructions. In plastic box with compartments for 6 sets of bits. Bits not included (see listings below).
9 A 3200—Shipping weight 1 pound 8 ounces.... **$4.95**
9 A 3220—**Molding Cutter Head for Radial and Swing Saws.** As above but fits ⅝, ¾, or 1-inch arbor. Shipping weight 1 lb. 10 oz..... **$4.95**

INDIVIDUAL CRAFTSMAN CUTTER BIT SETS for use in above Molding Cutter Head; also our former Nos. 2284 and 2289. Special heat treated tool steel; 1 in. wide. Vertical slot on back of blade assures positive alignment in molding head. Each set contains 3 bits except 9A2303 (tongue-and-groove) which has six. *Order by catalog numbers, as listed below.* Shpg. wt. each set 3 oz. (except 9A2303).

[C] 9A2302—**1-inch Planer and Jointer**..... **$2.50**
[D] 9A2350—**Cabinet Door Lip Cutter**..... **2.50**
[E] 9A2351—**¼ and ½-inch Quarter Round Cutter**.. **2.50**
[F] 9A2352—**3-Bead (¼-inch) Cutter**..... **2.50**
[G] 9A2354—**Cloverleaf-Screen Mold Cutter**..... **2.50**
[H] 9A2355—**Base Molding Cutter**..... **2.50**
[J] 9A3201—**Glue Joint Cutter**..... **2.50**
[K] 9A3202—**"Ogee" Window and Door Stop Cutter**..... **2.50**
[L] 9A3203—**¼-in. Flute and ½-in. Cove Cutter**.... **2.50**
[M] 9A3204—**90° Flute Ornamental and Combination Cutter**..... **2.50**
[N] 9A3205—**Curved Flute and 3/16-inch Quarter Round Cutter**..... **$2.50**
[P] 9A3206—**1-in. Flute Cutter. ½-in. radius**..... **2.50**
[R] 9A3207—**5/16-inch Quarter Round, 5/16-inch Cove (Drop Leaf) Cutter**..... **2.50**
[S] 9A3208—**3/16 and 5/16-inch Quarter Round, and ¼-inch Bead Cutter**..... **2.50**
[T] 9A3209—**5/16-inch Cove Cutter**..... **2.50**
[U] 9A3210—**Panel Cupboard Door Cutter**..... **2.50**
[V] 9A2303—**Tongue-and-Groove Cutters.** New, improved, *wedge-type* design. Includes 6 bits. Shpg. wt. 8 oz..... **4.95**

[W] **"How to Sharpen" Instruction Book.** Over 200 illustrations! It's easy to sharpen tools when you know how. Shows how to sharpen and care for knives, saws, drills, garden tools, chisels, axes, screwdrivers, etc. 32 pages.
9 A 2924—Shpg. wt. 2 oz.....**25c**

[X] **CRAFTSMAN Gum and Pitch Remover.** Quickly dissolves all pitch and gum from circular saws, band saws, planer and jointer knives, shaper cutters, turning tools, etc. Aids free, easy cutting. Prevents rust. 8-oz. can.
9 A 4918—Shpg. wt. 10 oz....**49c**

[Y] **Saw Blade Stabilizers.** Designed especially for carbide-tipped blades listed on opposite page . . . but can be used with any saw blade from 7-in. to 12-in. diam. Fitted against the saw blade, they help the blade produce a smoother cut by eliminating any wobble of blade. Available in two sizes: 4-in. diam., ⅝ or ½-in. arbor bushed; and 4-in. diam., 1 or ¾-in. arbor bushed. *Order by catalog no.; state arbor size.*
9 A 4952—Wt. 1 lb. Pair **$1.98**

[Z] **DUNLAP 5½-inch Dado Sets.** Good quality sets. For use on your bench saw . . . performs many jobs . . dadoing, grooving, rabbeting, etc. Made from tempered high carbon steel. Set includes two 3/32-inch thick outside saws; six 1/16-inch thick inside chippers. Instructions included for fitting to bench saw.
9 A 4888—With ½-in. center hole. Wt. 1 lb. 10 oz....**$4.95**
9 A 4889—With ⅝-in. center hole. Shipping weight 1 pound 10 ounces.....**$4.95**

[AA] **CRAFTSMAN 6-inch Dado Sets.** Our finest professional quality. Converts your bench saw, radial saw or swing saw for dadoing, grooving, rabbeting, etc. Made of tempered high quality steel. Each complete set includes: two ⅛-inch thick outside saws and five chippers (four ⅛-inch thick, and one 1/16-inch thick). Precision ground.
9 A 4874—With ½-in. center hole. Shpg. wt. 3 lbs. 8 oz. **$9.50**
9 A 4875—With ⅝-in. center hole Shpg. wt. 3 lbs. 8 oz. **$9.50**

[BB] **CRAFTSMAN 8-inch Dado Set.** A heavy duty dado set for dado work with your bench saw, radial saw, or swing saw. Sizes to fit saws with 1-inch, ¾-in., and ⅝-in. arbors. Each set includes two outside saws (each cuts ⅛-in. groove), six ⅛-in. inside cutters, and paper washers for 1/16-in. width adjustments. *State arbor size wanted: 1-in. or ¾-in. (¾-in. size includes bushings to fit ⅝-in. arbors.)* Shpg. wt. 6 lbs. 8 oz.
9 A 4870—Set.....**$14.95**

Performance Tests Prove

it more accurate . . more compact . . stronger than comparable models

READ THESE ACTUAL TEST RESULTS

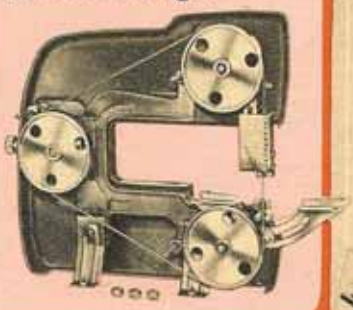
Test proves blade is super-strong! Cut over two miles of 2-inch yellow pine with no sign of blade failure.

Test proves machine is sturdiest ever! Ran continuously and perfectly for more than 500 hours while cutting over 25 miles of 1-inch yellow pine.

Test proves 3-wheel design is sturdy— because it has a smaller frame and a lower center of gravity. Accurate! Compact! Strong! Low priced! This is the right saw for the average hobby shop.

Compact Three-Wheel Design

Compactness is a feature desired in most power tools, particularly by the home craftsman who is limited in workshop space. CRAFTSMAN 3-wheel design gives this saw a full 12-inch throat—without the great height necessary in conventional 2-wheel band saws with the same size throat. This also means you get a saw with a lower center of gravity in a smaller frame with more rigid construction.



A **$52.00** CASH
Without motor or bench
$5.50 DOWN . . ON EASY TERMS

B

CRAFTSMAN

REG. U. S. PAT. OFF.

3-wheel Band Saw

Unmatched in quality and capacity at this price!

We believe it is unmatched at this low price. See actual test results above. Extremely accurate—cuts as thin as 20/1000 of an inch. Much more compact design than conventional 2-wheel saws of this capacity. Has "super-alloy" blade, the result of years of research. Ideal for home craftsmen, woodworking and wood pattern shops. Recommended for wood cutting only. (Not recommended for metal cutting.)

All working parts, except blade cutting edge, are fully enclosed for extra safety. If blade should ever break, it can't fly out! Heavy, rigid, scientifically reinforced cast iron frame. Double-row precision ball bearings mounted integrally with drive shaft, assuring perfect alignment and smooth operation. Double-row Torrington needle bearings on idler wheels. Rubber tires, ground true . . wheels machined to close limits to assure concentricity.

Cuts to center of 24-inch circle. Makes curved or irregular cuts in wood up to 4 inches thick. It's the only saw we know of with such a low center of gravity, and a full 12-inch throat (see cut-away view above). 12x12-inch table, mounted on double trunnions, with 4 points of support instead of 2, for greater rigidity; tilts 0 to 45°; has tilt indicator. Proper blade tension determined by built-in reading scale. One ¼x62-in. blade included.

SPECIFICATIONS

- Depth of throat.....12 inches
- Capacity of cut (max.)....4 inches
- Table size.....12x12 inches
- Width of blade.....3/16 to 3/8 inch
- Length of blade.....62 inches
- Bearings..2 sets, lubricated for life, precision, ball.
- Motor pulley (not included)...3-inch
- Machine pulley (included)....4-inch
- Motor recommended (minimum) ¼-H.P. 1750 R.P.M.
- Overall dimensions: Height 20 11/16 inches; Width 12 inches; Depth 28 1/16 inches

A **99 A M2430**—Without motor, motor pulley, V-belt or bench. Shipping weight 70 pounds.....**$52.00**

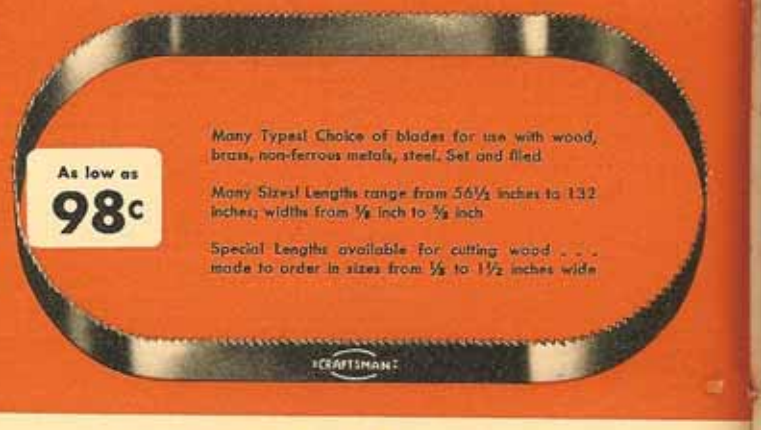
99 A MT2433—As above, with DUNLAP ½-H.P. 1750 R.P.M. bronze bearing motor (110–120 volt, 60-cycle AC) 3-in. motor pulley; 45-in. V-belt. Shipping weight 94 pounds.....**$67.00**

9 A 2664—Extra CRAFTSMAN 62-in. skip-tooth Saw Blade. 3/16, ¼, or ⅜-in. wide. *State width.* Shipping weight each 7 ounces.....Each **1.25**

99 A 01048K—Power Tool Bench. See page 34. (Adjusts from 27½ to 31½ in.) Shipping weight 27 pounds.....**$10.95**

B **9 A 2919—"The Jig Saw and Band Saw" Instruction Book.** 32 pages; over 160 illustrations. Shipping weight 2 oz.....**25c**

9 A 2120—Powr Panl. Shown on power tool bench. See page 34. Shipping weight 1 lb.....**$3.95**



As low as **98c**

Many Types! Choice of blades for use with wood, brass, non-ferrous metals, steel. Set and filed

Many Sizes! Lengths range from 56½ inches to 132 inches; widths from ⅛ inch to ⅝ inch

Special Lengths available for cutting wood . . . made to order in sizes from ⅛ to 1½ inches wide

CRAFTSMAN Band Saw Blades

REG. U. S. PAT. OFF.

Finest quality saw steel. Every blade properly set and filed for recommended use. **Please state width wanted. (9 A 2664 is the only blade available for use on 3-wheel band saw.)**

9 A 2660—For wood. 56½ in. long; ⅛ or ¼ in. wide. Shpg. wt. 6 oz.....**98c**
9 A 2336—For wood. Skip tooth. 58 in. long; 3/16, ¼, or ⅜ in. wide. Wt. 6 oz.....98c
9 A 2664—For wood. Skip tooth. 62 in. long; 3/16, ¼, or ⅜ in. wide. Wt. 7 oz.....$1.25
9 A 2665—For wood. 63 in. long; ⅛, ¼, or ⅜ in. wide. Shpg. wt. 7 oz.....98c
9 A 2657—For wood. 78 in. long; ⅛, ¼, ⅜ or ½ in. wide. Shpg. wt. 7 oz.....98c
9 A 2623—For wood. 80 in. long; ⅛, ¼, ⅜ or ½ in. wide. Shpg. wt. 7 oz.....98c
9 A 2668—For brass and non-ferrous metals. 78 in. long; ¼ in. wide. Wt. 4 oz.....98c
9 A 2624—For brass and non-ferrous metals. 80 in. long; ¼ in. wide. Wt. 7 oz.....98c
9 A 2625—For steel. 80 in. long; ¼ in. wide. Shpg. wt. 7 oz.....$1.98
9 A 2715—For wood. 132 in. long. ¼, ⅜, or ⅝ in. wide. Shpg. wt. 6 oz.....1.98

CRAFTSMAN special length Band Saw Blades

REG. U. S. PAT. OFF.

9 A 2669F—Not for use on 3-wheel band saws. All blades brazed unless otherwise specified. Add 35c to cost of each blade for brazing. Shipped from factory in Chicago. **State correct length and width wanted, and specify if you don't want blades brazed.**

Width	Shpg. wt.	Per foot	Width	Shpg. wt.	Per foot
⅛ inch	1 ounce	16c	⅝ inch	1 ounce	23c
3/16 inch	1 ounce	16c	¾ inch	2 ounces	25c
¼ inch	1 ounce	16c	1 inch	2 ounces	26c
⅜ inch	1 ounce	17c	1¼ inches	3 ounces	33c
½ inch	1 ounce	20c	1½ inches	3 ounces	40c

Two heavy cast iron (rubber-tired) wheels have 18-in. diameter. All operating parts, except actual cutting edge of blade, covered by heavy-gauge steel casing for protection.

$295.00 CASH
Without motor
$29.50 DOWN . . ON EASY TERMS

Precision ball bearings

CRAFTSMAN "100"
REG. U. S. PAT. OFF.
18-inch Band Saw

Cuts to center of 36 inch circle . . in wood up to 12½ inches thick

Our finest 2-wheel heavy-duty Industrial-type Band Saw. It's the best 18-inch band saw we've ever sold . . and we believe it to be the finest on the market today . . at any price. You get extra features and extra capacity. Handles lumber up to 12½ inches thick!

Steamlined, fully-enclosed design. All operating parts except actual cutting edge of blade are covered by heavy-gauge steel casing. Has heavy-duty welded all-steel frame. Two-wheel (rubber-tired) cast iron construction.

Extra-large table, 20¼x17⅞ in., of smooth ground cast iron . . . tilts down and locks at any angle from 0 to 45 degrees. Miter gauge included. Saw guides above and below table guide blade straight and accurately . . . have ball-bearing thrust wheels . . . give you accurate, true cutting. Blade speed 3500 feet per minute. One 132x¾-in. blade included. (For extra blades, see 9A2715 on opposite page.) **This band saw is not carried in stock or on display in many of our stores; however, shipment from factory can be made promptly.**

SPECIFICATIONS:

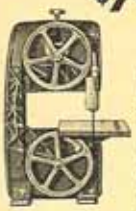
- Depth of throat.....18 inches
- Capacity of cut (maximum).....12½ inches
- Table size.....20¼x17⅞ inches
- Length of blade (one ⅜-in. width included).....132 inches
- Width of blade.....¼ to 1 inch
- Bearings.....Six sets of grease sealed precision ball
- Size of each wheel.....18 inches
- Machine pulley (included).....7-inch single groove V
- Motor pulley (not included).....3-inch single groove V
- Motor recommended, minimum.....1 H.P. 1750 R.P.M.
- Over-all dimensions.....Height 75 in.; width 22½ in.; depth 31 in.

99 A M2377F—Without motor, motor pulley or V-belt. Shipped freight, express or truck from factory in Cincinnati, Ohio; you pay transportation from there on delivery. Send orders to Sears nearest Mail order house. Shipping weight 420 pounds. (See inside back cover for Easy Terms.)..... **$295.00**

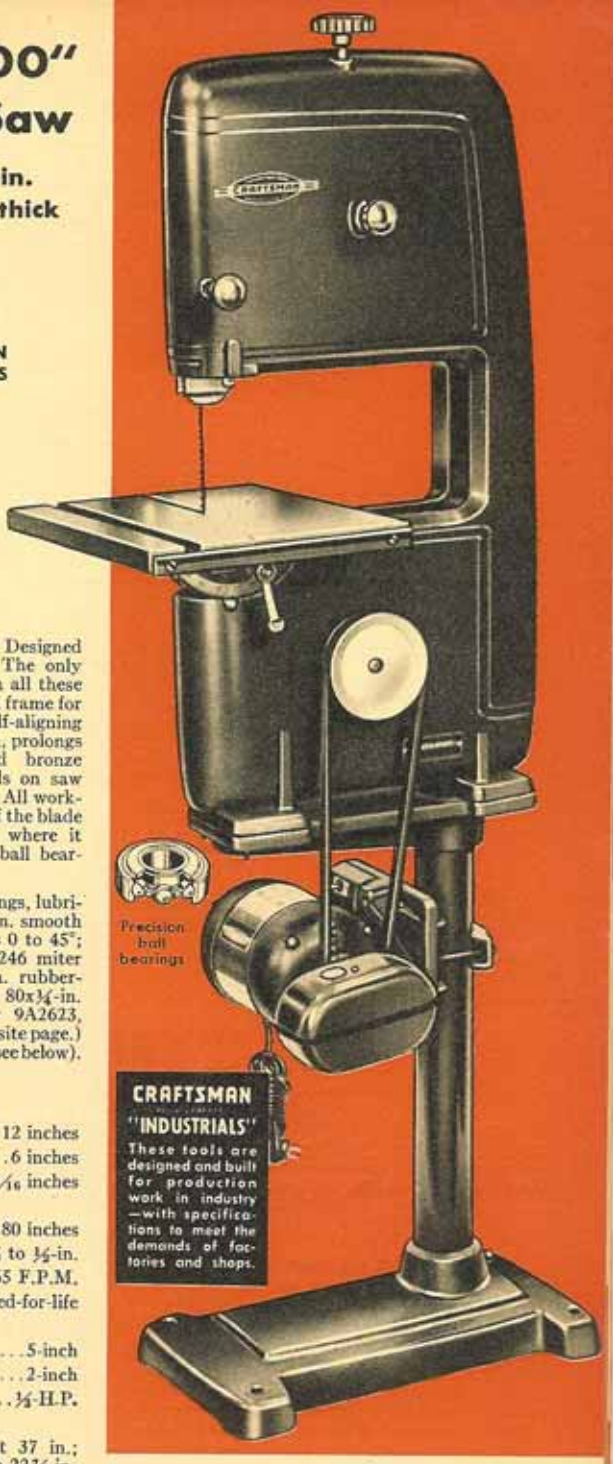
CRAFTSMAN "100"
REG. U. S. PAT. OFF.
12-in. Band Saw

Cuts to center 24-in. circle . . wood 6 in. thick

$74.50 CASH
Without motor or stand
$7.50 DOWN . . ON EASY TERMS



Extra safe! All operating parts enclosed, except cutting edge of blade . . . blade can't possibly fly out.



Precision ball bearings

CRAFTSMAN "INDUSTRIALS"
These tools are designed and built for production work in industry —with specifications to meet the demands of factories and shops.

Rugged, heavy duty construction. Designed and built for production work. The only band saw in this price range with all these features: (1) "Uni-cast" cover and frame for extra strength . . . rigidity. (2) Self-aligning upper blade guide reduces friction, prolongs blade life. (3) Oil-impregnated bronze blocks, ball-bearing thrust wheels on saw guides above and below table. (4) All working parts completely enclosed . . . if the blade ever breaks, it's inside housing where it can't fly out. (5) Drive shaft and ball bearings are integral unit.

Four sets of precision ball bearings, lubricated for life. Large 14 3/16x12½-in. smooth ground, cast semi-steel table tilts 0 to 45°; has miter slot for use with 9A2246 miter gauge listed below. Two 12⅝-in. rubber-tired cast iron wheels. With one 80x¾-in. blade. (For extra blades order 9A2623, 9A2624, and 9A2625 listed on opposite page.) Slo-Speed Converter not included (see below).

SPECIFICATIONS:

Depth of throat.....12 inches
Capacity of cut (maximum).....6 inches
Table size.....12½x14 3/16 inches
Length of blade
(one ¼-in. width included).....80 inches
Width of blade.....⅛ to ½-in.
Blade speed.....2165 F.P.M.
Bearings.....4 sets lubricated-for-life precision ball
Machine pulley (included).....5-inch
Motor pulley (not included).....2-inch
Motor recommended (minimum)...¼-H.P. 1750 R.P.M.
Over-all dimensions.....Height 37 in.; width 14½ in.; length 22⅞ in.

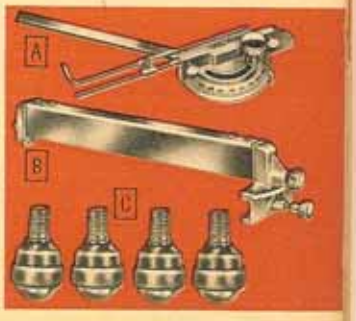
99 A M2428—Without motor, motor pulley, V-belt or stand. Shpg. wt. 75 lbs.....**$74.50**

99 A MT2434—As above, with DUNLAP ½-H.P. 1750 R.P.M. split phase motor (110-120 volt 60-cycle A.C.); 2-in. motor pulley; 50-in. V-belt. Shpg. wt. 102 lbs.....**$89.50**

99 A M2957—**Steel Pedestal Tool Stand** for above band saw. A work-height mount. 30-in. high. Heavy 12x20½-in. base. 4 holes for casters. Shpg. wt. 48 lbs.....**$18.95**

9 A 2342—**CRAFTSMAN Slo-Speed Converter.** For use with 99A2428 band saw above. Also can be used on any 10 to 14-inch band saw. Slows blade speed for metal cutting. Converts from hi-speed to slo-speed in seconds. Mounts on motor. Easy to install. With complete instructions. Shipping weight 6 pounds.....**$21.95**

Accessories for 12-in. Band Saw



A 9 A 2246—**Miter Gauge** for above band saw. Shipping weight 4 lbs. 4 oz.....**$6.25**

9 A 2907—**Belt Guard** for above band saw. Shipping weight 3 lbs. 12 oz.....**$2.75**

B 9 A 2343—**Rip Fence** for above Band Saw. For best results, use with ½-in. blade. Locks at front and rear. Fittings included. Shpg. wt. 5 lbs.....**$5.75**

9 A 2623—**Extra Blades.** For wood. 80-in. long *State width wanted:* ⅛, ¼, ⅜, or ½-inch. Shipping weight 7 oz...Each **98c**

C 9 A 2819—**Casters** for 99AM2957 above. Set of 4 easy-rolling. Shipping weight 2 lbs.....**$3.25**

9 A 2919—**Instruction Book "The Jigsaw and Band Saw."** 32 pages. Over 160 illustrations. Shpg. wt. 2 oz.....**25c**

Build your order to $20 or more and buy on Sears Easy Terms

VERSATILE!

Can also be used for Saber Sawing

Check these outstanding features:

- Upper arm is easily removable for filing and saber sawing.
- Exclusive-design shoe in chuck gives firm grip between blade and clamping member . . helps prevent blade breakage because there is no twisting.
- Exclusive three point mounting base allows you to mount in more places, uneven surfaces, odd shaped benches, etc.
- More weight, larger throat, and greater table area than any other jig saw we know of in this price range!

CRAFTSMAN "80" Jig Saw

REG. U. S. PAT. OFF.

18-in. capacity . . Cuts to center of a 36-in. circle

- **Cuts wood up to 2 inches thick . . metal and plastic.**
- **Three point mounting base allows fastening to uneven bench.**

This saw is specially designed to give excellent service even under hard professional use . . It is ideal for the serious homecraftsman.

Modified Scotch-Yoke action assures smooth, quiet operation. Runs in a bath of oil. Porous bronze main bearings. 12x12-inch cast semi-steel table tilts from 0 to 45 degrees; gives large working surface. Frame is strongly made from cast semi-steel. Upper arm is removable for filing and saber sawing.

Exclusive design shoe in chuck between blade and clamping member prevents damage to blade when tightening. Blade chuck rotates 90° for ripping pieces longer than 18 inches. Has upper and lower blade guides. Adjustable hold-down prevents work from lifting off table. Fully enclosed coil type return spring. Built-in sawdust blower clears sawdust from working area. Uses 5- or 6-inch plain end blades (one blade included). See page 34 for description of the power tool bench shown.

SPECIFICATIONS:

- Depth of throat.....18 inches
- Depth of cut (maximum).....2 inches
- Table size.....12x12 inches
- Machine pulley (included).....4-inch
- Motor pulley (not included).....2-inch
- Motor recommended (minimum).....¾-H.P. 1750 R.P.M.
- Speed (approximate).....860 R.P.M.
- Sawdust blower.....Built into head
- Mounting dimensions.....5⅛x22 7/16 inches
- Over-all dimensions: Height 17 25/32 inches; length 29 inches; width 12 inches.

99 A M2315—18-inch jig saw without motor, motor pulley, V-belt, and power tool bench. Shipping weight 68 pounds.....**$34.50**

99 A MT2449—18-inch jig saw with DUNLAP ¾-H.P. 1750 R.P.M. split phase bronze bearing 110–120-volt 60-cycle A.C. motor, 2-inch motor pulley, ⅜x54-inch V-belt. Without power tool bench. Shpg. wt. 92 lbs.....**$48.50**

CRAFTSMAN Jig Saw with Reciprocating Motor

REG. U. S. PAT. OFF.

Has direct drive . . full power instantly

- **11-inch throat . . cuts soft wood up to 1 in. thick**
- **Electric power unit in base . . no belts, no gears**
- **Use for models, puzzles, furniture making.**
- **Fun to use . . safer for every member of the family.**

NOT A TOY . . but a rugged power tool. Rapid short-stroke reciprocating action provides smooth cut . . leaves practically NO saw marks . . minimizes the need for hard, tiresome sanding.

Needs no motor, no belt, no gears and NO OILING. Electric power unit in base gives 7200 smooth, short cutting strokes per minute. This short stroke and lack of pulleys and power belts makes it safer for children to operate.

Use it anywhere. Mounted on thick rubber feet that minimize noise. Ideal for apartment house dweller . . homes without basements.

UL approved. For 110–120-volt, 60-cycle AC only. With six 5-in. pin-end blades. 5½-foot cord and operating instructions. It's ideal for making hundreds of articles from wood, plastic or metal.

Saw wood up to 1 inch thick; zinc 1/16 in.; brass 1/16 in.; aluminum 3/32 in. and plastic ½ in. You can find dozens of uses for it around your home.

SPECIFICATIONS:

- Depth of throat.....11 inches
- Depth of cut, maximum, in wood.....1 inch
- Motor.....Electric reciprocating-type for 110–120-volt, 60-cycle AC only.
- Strokes per minute.....7200
- Table size.....8½x8 inches
- Overall dimensions:
  - Height.....10½ inches
  - Width.....8½ inches
  - Length.....16¾ inches

99 A 02776—Shipping weight 13 lbs.....**$16.95**

9 A 2690—Extra Blades for above jig saw. 5 inches long. Shipping weight 1 oz.....**6 for 25c**

If your purchase totals $20.00 or more you can take advantage of Sears Easy Payment Terms. For complete information see inside back cover.

"Walking Beam" Action for smoother cuts

$81.50 CASH
Without motor
$8.50 DOWN.. ON EASY TERMS

CRAFTSMAN "100" Jig Saw

REG. U. S. PAT. OFF.

24-inch capacity . . Cuts to center of 48-inch circle

"Walking Beam" action reduces vibration, blade breakage. Cuts wood up to 2 in. thick; also metal, plastics. Double-row precision ball bearings on the drive shaft assure smooth, quiet operation and long life.

By far the finest heavy-duty jig saw ever to bear the CRAFTSMAN name! Unusually smooth and quiet in operation because of time-tested "Walking-Beam" action and precision ball bearings. Never needs oiling or greasing! Meets the most rigid requirements of professional craftsmen and woodworking shops. You'll get an entirely new idea of jig saw performance!

Extra large size table. Full 16x16 inches to give plenty of working surface; made of smooth-ground cast semi-steel. Tilts 0 to 45° on double trunnion supports; gauge shows angle of tilt. Blade chucks and table can be turned 90° for ripping long pieces.

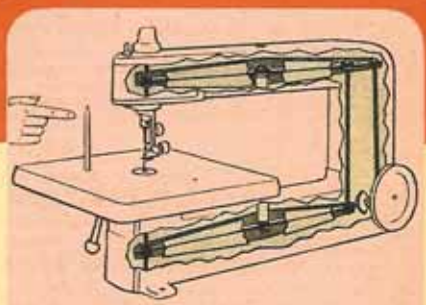
Many super-quality features. 7½-watt work lamp built into head; lights up working area; has switch, cord and plug. Concealed sawdust blower gives a real blast of air. Entering cuts at sharp angles are possible because the new blade support guides the blade above and below the work . . . reduces blade breakage, too. Hold-down foot prevents lifting work off table on the upward stroke of blade. Hold-down is adjustable, even with table tilted. Enclosed, one-piece cast semi-steel base with rust-resisting gray enameled finish.

SPECIFICATIONS:

- Depth of throat . . . . . 24 inches
- Depth of cut, maximum, in wood . . . . . 2 inches
  in plastic . . . . . 1½ inches
  in brass. . . . . 5/16 inch
  in aluminum and zinc . . . . . 5/16 inch
- Table size . . . . . 16x16 inches
- Motor recommended, min. . . ¼ H.P. 1750 R.P.M.
- Machine pulleys (included) . . . . . 5 and 6-in.
- Motor pulleys (not included) . . . . . 2-inch and 3-inch
- Speed . . . . . 525 and 1015 R.P.M.
- Stroke . . . . . 1 5/32 inch
- Mounting dimensions . . . . . 5⅝x30 11/16 inches
- Over-all dimensions: Height 21⅛ inches; length 39¾ inches; width 16⅝ inches

Motor can be mounted above, below or behind. One 6-inch plain end blade included. Shpg. wt. 125 lbs.

99 A M2344—CRAFTSMAN 24-inch jig saw as described above, without motor **$81.50**
99 A MT2393—CRAFTSMAN 24-inch jig saw with DUNLAP ¼-H.P. 1750 R.P.M. split phase bronze bearing 110-120-volt, 60-cycle A.C. motor; 2-in. and 3-in. motor pulleys; V-belt. Shpg. wt. 149 lbs. **$96.00**

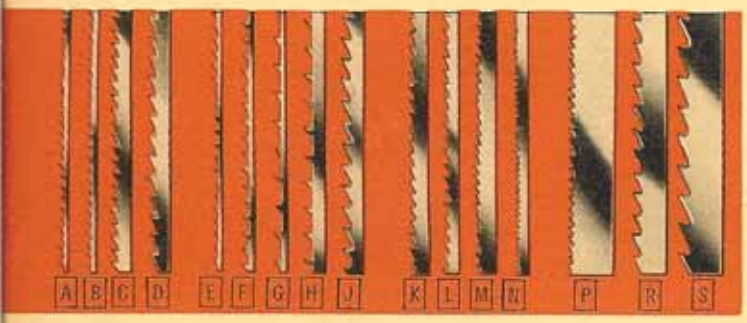


"Walking-Beam" Action

It's no trick to make a pencil stand on end while the CRAFTSMAN "100" runs at full speed. That's because "Walking-Beam" action reduces vibration . . . assures quiet, accurate operation. An H-shaped channel section delivers equal power on up AND down strokes . . . no jerky return springs. Drive action operates through double-bearing guides above and below work.

Jig Saw Manual

Jig Saw and Band Saw Manual. Complete! 32 pages. Over 160 illustrations! Easy-to-follow directions for operating both types of saws. Explains many short cuts. Paper bound. Shipping wt. 2 oz.
9 A 2919 . . . . . **25c**



High quality blades of special alloy **"Super-Tuff"** steel, heat treated and hardened for long life and fast, easy cutting action. This alloy is famous for its combination of toughness and fine edge-holding qualities. 6-inch plain-end blades can be snapped off to fit machines taking shorter plain-end blades. Saber-tooth blades can be used for heavy work, as well as for saber work. Sizes in table at right. Order a complete assortment of blades so that you'll be prepared to do many different kinds of work. Shipping weight per package 2 ounces.

CRAFTSMAN Jig, Fret and Coping Saw Blades

REG. U. S. PAT. OFF.

Catalog Number	Recommended uses	Length, inches	Teeth per in.	Thick, inch	Width, inch	Blades in Pkg.	Per Pkg.
	(PIN TYPE BLADES)						
(A) 9A2712	Fits hand magnetic jig saw	2¾	18	.010	.040	6	25c
(B) 9A2688	Fits magnetic jig saw	4	18	.010	.040	6	25c
9A2690	Fits magnetic jig saw	5	18	.010	.055	6	25c
(C) 9A2705	Medium, for wood	5	15	.020	.110	6	25c
(D) 9A2704	Coarse, for wood	5	10	.020	.110	6	25c
	(PLAIN END BLADES—FOR MOST JIG SAWS)						
(E) 9A2693	Extra fine for delicate cuts in wood	6	18	.010	.045	8	25c
(F) 9A2695	Fine, for cuts in thin wood	6	14	.010	.070	8	25c
(G) 9A2711	Skip tooth; for plastics, metals	6	7	.020	.110	6	25c
(H) 9A2710	Skip tooth; for heavier duty than 9A2711	6	7	.020	.110	6	25c
(J) 9A2700	Coarse; for wood or soft metal	6	10	.020	.110	6	25c
(K) 9A2701	Fine; for wood or soft metal	6	16	.020	.110	6	25c
(L) 9A2702	Extra fine; for wood or soft metal	6	15	.020	.078	6	25c
(M) 9A2709	Fine; for sheet metals incl. steel	6	20	.020	.110	6	25c
(N) 9A2703	Extra fine; same uses as 9A2709	6	32	.020	.070	6	25c
	(SABER BLADES)						
(P) 9A2867	For metal cutting	6	20	.028	.250	3	25c
(R) 9A2869	For wood and soft metals	6	10	.028	.1875	3	25c
(S) 9A2866	For coarse cuts in wood	6	7	.028	.250	3	25c

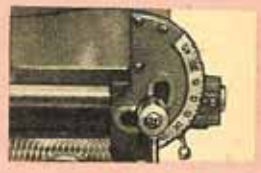
$51.00 CASH

Without motor or bench

$5.50 DOWN . . ON EASY TERMS

Extra Features

Double row heat-treated, tempered, precision-ground ball bearings. Sealed against dirt. NEVER needs lubrication.



Fence tilts up to 45° in either direction; locks in place. Accurate, easy-to-read protractor scale shows angle of tilt.

CRAFTSMAN 4⅜-inch Jointer-Planer

REG. U. S. PAT. OFF.

Heavier and sturdier than any other we know of in this price range

Ideal for small woodworking shops, school shops and home workshops. Outstanding—capacity, precision, speed, accuracy and smooth operation. Weighs much more than any other jointer-planer we know of in this price range.

Rugged construction throughout. Solid steel cutter head has three 4⅜-inch high-speed steel knives. Massive cast semi-steel base extends almost the entire length of the tool to give exceptionally rigid support to table for more accurate operation. Three-point-of-contact mounting eliminates twist.

Precision-ground tables of cast semi-steel. Three-point suspension mounting of rear table makes possible perfect alignment with front table. Front table is mounted on double set of adjustable ways for greater accuracy and ease in changing depth of cut. Gibs on ways; can be adjusted to correct for wear.

Depth of cut easily adjustable with hand wheel. Accurate gauge shows depth of cut. Controls are all clearly visible from normal operating position; can be reset without reaching under table. Quick-acting spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbeting. Fence tilts up to 45° in either direction; easy-to-read protractor scale shows angle of tilt.

99 A 02334L—Without motor, motor pulley, V-belt or bench. Shpg. wt. 63 lbs. . **$51.00**

99 A T2317L—With DUNLAP ½-H. P. 1750 R. P. M. bronze bearing split phase motor for 110–120-volt 60-cycle A.C., 5-inch motor pulley, ½x43-inch V-belt. (Bench not included.) Shipping weight 87 pounds **$66.50**

9 A 2291—**4⅜-inch Jointer Knives (Replacement).** Set of 3. Shipping wt. 7 oz. **$3.39**

99 A 01048K—**Power Tool Bench.** See page 34 for description. Shpg. wt. 27 lbs. **10.95**

SPECIFICATIONS:

- Width of cut . . . . . 4⅜ in.
- Depth of cut . . . . . ⅜ in.
- Rabbet depth . . . . . ⅜ in.
- Length of fence . . . . . 19⅛ in.
- Spindle diameter . . . . . ½ in.
- Size, front table . . . . 11 3/16x6⅝ in.
- Size, rear table . . . . . 11⅝x6⅝ in.
- Bearings. 2 sets sealed precision ball
- Cutter knives. . 3 high-speed steel, 4⅜x11/16x⅛ inch
- Recommended arbor speed, approximately 4500 R.P.M.
- Motor recommended (minimum) . . ½ H.P. 1750 R.P.M.
- Machine pulley (included) . . . . 2 in.
- Motor pulley (not included) . . . 5 in.
- Mounting dimensions. 7¾x21¾ in.
- Over-all dimensions . . . Height 8 in.; width 9¾ in.; length 29 7/16 in.

Blade Sharpener

Now! Quickly sharpen your jointer-planer knives, wood chisels and other straight-edge blades right in your own workshop! Blade sharpener attachment for use on bench saws. Sharpens 25° to 40° bevel faces. (See page 5 for more complete description.)

9 A 2658–Wt. 7 lbs. 4 oz. **$6.95**

$64.00 CASH

Without motor and bench

$6.50 DOWN . . ON EASY TERMS

CRAFTSMAN Thickness Planer

REG. U. S. PAT. OFF.

Hand feed type . . . planes material up to 12 in. wide

Now you can plane hard or soft boards to any desired thickness . . . finish rough sawed lumber . . . reclaim old boards, etc. Exclusive open side design allows you to plane stock up to 12 in. wide by reversing work. Planes stock up to 6 in. wide in one pass. Handles stock up to 2 in. thick, and as small as ⅛ in. thick and 4 in. long!

Simple hand feed design reduces weight (*and cost*) and simplifies operation. Delicate adjustments for light-cutting contact directly controlled by operator. Cut adjusted by hand wheel; accurate . . . *holds cut to within a few thousandths of an inch.*

Sealed ball bearings . . . lubricated for life. Ribbed cast iron table and frame. Ways milled into one casting for accuracy . . . no binding or misalignment possible. Anti-kick-back guard on both sides. Chip breaker and pressure bar guard head.

SPECIFICATIONS:

- Capacity of cut, maximum 5/32-inch
- Table size . . . . . 6 5/16x19 3/16 inches
- Cutter head . . . . . 2⅝-in. diameter
- Knives . . . . . three; 6⅛x11/16x⅛-in.
- Bearings . . . . . 2 sets sealed precision ball
- Machine pulley (included) . . . . . 2-in.
- Motor pulley (not included) . . . . . 2½-in.
- Motor recommended (minimum) . . . . . ½-H.P. 3450 R.P.M.
- Mounting dimensions . . . . . 8x10 inches
- Over-all dimensions . . . . . height 15⅞ in.; width 15¾ in.; length 19¾ in.

99 A M2370—Without motor and bench. Shipping weight 85 lbs. **$64.00**

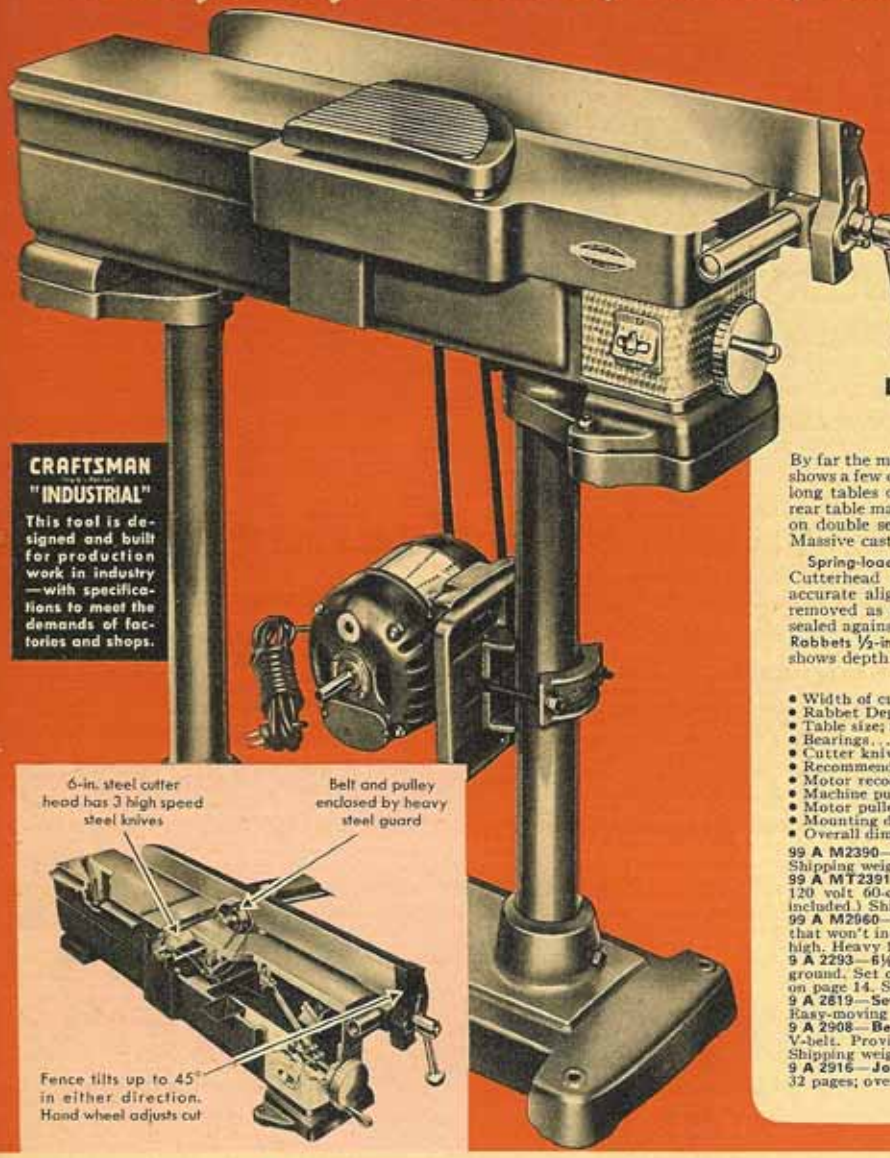
99 A MT2371—With CRAFTSMAN ½-H.P. 3450 R.P.M. ball bearing capacitor motor for 110-120-volt 60-cycle A.C., 2½-in. motor pulley, ½x54-in. V-belt. Shpg. wt. 123 lbs. . **$94.00**

9 A 2293—**Set of 3 extra knives** for above planer. Shipping weight 10 oz. **4.15**

99 A 01048K—**Power Tool Bench.** See page 34 for description. Use with 2 extra rails below. Shipping weight 27 lbs. **$10.95**

9 A 2023—**Extra Rails** for above. Use two. Shipping weight 2 lbs. 8 oz. . . . . Each **85c**

Heavy Duty for Home, School, and Professional Shops



CRAFTSMAN "INDUSTRIAL"
This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN
REG. U.S. PAT. OFF.

6-inch Jointer-Planer

Without motor or pedestal stand

$103.00 CASH **$10.50** Down On Easy Terms

Designed for Continuous Use . . Meets rigid requirements of Professional Craftsmen

By far the most outstanding jointer-planer we've ever sold! Cut-away view above shows a few of the outstanding features which have made this tool famous. Extra-long tables of precision-ground cast semi-steel. 3-point suspension mounting of rear table makes possible perfect alignment with front table. Front table mounted on double set of adjustable ways. Ways are spring loaded to correct for wear. Massive cast base is extra long . . gives rigid support to tables.

Spring-loaded guard can be quickly removed in one motion for rabbeting cuts. Cutterhead bearings are mounted in adjustable brackets to permit highly accurate alignment of cutterhead with rear table. Cutterhead assembly easily removed as unit for resharpening blades. Grease-sealed ball-bearings, securely sealed against dirt, moisture. Solid steel cutter head has 3-highspeed steel knives. **Rabbets ½-in. cut with one pass.** Depth of cut adjustable with hand wheel. Gauge shows depth of cut.

SPECIFICATIONS:

- Width of cut ..... 6⅛-inch; Depth of cut ..... ½-inch
- Rabbet Depth ..... ½-inch
- Table size; front ..... 16⅜x7⅞ in.; rear 17⅞x7½ in.
- Bearings ..... 2 sets sealed precision ball
- Cutter knives ..... 3 high speed steel, 6⅛x1¼x⅛ in.
- Recommended arbor speed ..... Approximately 4500 R.P.M.
- Motor recommended (minimum) ..... ½-H.P. 3450 R.P.M.
- Machine pulley (included) ..... 2-in.
- Motor pulley (not included) ..... 2½-in.
- Mounting dimensions ..... 8⅝x32¼ inches
- Overall dimensions: height 11¾ inches; width 20 inches; length 42½ inches

99 A M2390—Without motor, motor pulley, V-belt or pedestal stand. Shipping weight 155 pounds **$103.00**

99 A MT2391—With ½-H.P. 3450 R.P.M. ball bearing capacitor motor for 110–120 volt 60-cycle AC, 2½-in. motor pulley, ½x45-in. V-belt. (Stand not included.) Shipping weight 193 pounds **$133.00**

99 A M2960—Steel Tool Stand for above Jointer-Planer. A work-height mount that won't interfere with hand controls for operator's position. About 31 in. high. Heavy 12x31¼-in. base has holes for casters. Shpg. wt. 88 lbs. **$25.50**

9 A 2293—6⅛-inch Jointer Knives (Replacement). High speed steel; expertly ground. Set of three for above jointer-planer or 99AM2370 Thickness Planer on page 14. Shipping weight set of three 10 oz. **$4.15**

9 A 2819—Set of 4 casters for Steel Power Tool Stand above. Easy-moving ball-bearing steel rollers. Shpg. wt. 2 lbs. ..... Set of 4 **3.25**

9 A 2908—Belt Guard for above jointer-planer. Completely covers motor pulley and V-belt. Provides maximum safety. Heavy gauge steel. Shipping weight 3 pounds 12 ounces **$3.75**

9 A 2916—Jointer, Shaper and Thickness Planer Handbook. 32 pages; over 200 illustrations. Shipping weight 2 ounces **25c**

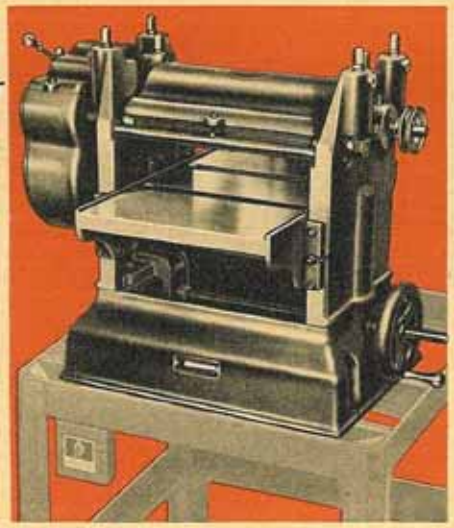
CRAFTSMAN
REG. U.S. PAT. OFF.

Bench Model Thickness Planer

$249.50 CASH

Without motor, bench, Powr Pant

$25.00 Down on Easy Terms



We're convinced this 12-inch power feed thickness planer is unsurpassed. Every feature has been engineered to extreme accuracy . . has been designed especially to handle day-in-day-out high production work. And every part is EXTRA STRONG to insure long service.

EXTRA STRONG heavy side frame is cast in one piece from gray iron.

EXTRA STRONG heavily ribbed, accurately ground table.

Precision ways support table. Table raised and lowered by hand wheel for depth of cut adjustment . . *holds cut to within a few thousandths of an inch.* 3½-in. diameter solid steel cutter head; 3 knives. Precision ball bearings lubricated for life. Maximum depth of cut 5/32 in. Planes lumber up to 4 in. thick and 12 in. wide. Takes wood as short as 6 in. and as thin as 1/16 in. Highly accurate depth of cut scale. 1¾ in. diameter solid steel feed rolls. Feeds up to 17 lineal feet per minute. Has chip breaker and pressure bar guard head. All gears run in oil bath. Maximum width of cut 12 in. Table size 12x20 in. Recommended cutter head speed, 4200 R.P.M. Uses a 6 to 8-inch motor pulley with ¾ to 2-H.P. 1750 R.P.M. motor for best results (motor not included). Mounting dimensions 8¾x18¾ inches. Overall dimensions: height 23 in. width 33 in.; depth 20 in.

99 A M2349F—Shipped from factory in Cincinnati from where you pay shipping charges when delivered. Without motor.
Shipping wt. 280 lbs. **$249.50**

CRAFTSMAN 20-inch
REG. U.S. PAT. OFF.

Floor Model Thickness Planer

$995.00 CASH

Without motor
$99.50 Down, $55.00 Monthly on Terms

- Extra Large Capacity—Planes lumber up to 20 inches wide and 6 inches thick!
- Extra Heavy Construction—Welded steel base . . alloy steel head . . high-speed knives and hardened gears
- Designed for Extra Duty—Meets the requirements of lumber mills . . factories and every type of woodworking shop.

A real production tool . . designed to deliver top performance day by day even under such rugged demands as lumber mills, furniture factories, and wood pattern shops. We believe it is the finest 20-inch Power-Feed Planer on the market today.

Range of speed—20 and 40 linear feet per minute can be increased to 40 and 80 per minute by simple change of sprocket ratio. **Planes lumber up to 20 inches wide and 6 in. thick.** Maximum depth of single cut is ⅝-in., depending on type of wood. Scale indicates depth of cut; adjustable by handwheel. Heavy welded base . . alloy steel head . . high speed steel knives and heat treated hardened gears. Bed is made of semi-steel; close grained castings are supported by large anti-friction thrust bearings. Two sets of precision ball bearings in cutter head; grease sealed for life. Four high speed steel knives 20x1x⅛ in. Lumber rolls on solid steel feed rolls. Motor recommended 3 to 10 H.P., 1750 R.P.M. Table size 34x20 in. Cutter head 4¼ in.

99 A M2757F—Shipped from factory in Cincinnati, Ohio, from where you pay shipping charges when delivered. Motor is not included.
Shipping wt. 1240 lbs. ..... Cash **$995.00**

SPECIFICATIONS

- Swing over bed..... 9 in.
- Distance between centers.....30 in.
- Length of bed..... 46¾ in.
- Spindle; inboard end.....¾-in. x 16 R.H. thread No. 1 Morse, female taper
- Spindle; outboard end .....¾-in. x 16 L.H. thread
- Spindle speeds.....Four: 875, 1350, 2250, and 3450 R.P.M.
- Spindle bearings....2 sealed radial thrust ball bearings
- Tailstock taper..No. 1 Morse, female
- Tailstock ram travel.....2¾ in.
- Machine pulley (included).....4-in. 4-step V-type cone
- Motor pulley (not included).....4-in. 4-step V-type Cone
- Motor recommended (min.)..½-H.P. 1750 R.P.M.
- Mounting dimensions. 43½x7 7/16 in. (hole centers)
- Overall dimensions: Height 10¼ in.; width 8⅜ in.; length 50⅛ in.

CRAFTSMAN "100" Ball-Bearing Lathe

REG. U. S. PAT. OFF.

A By far our finest wood-turning lathe . . . and at the lowest price we know of for this quality! EXTRA HEAVY DUTY CONSTRUCTION throughout . . . designed and built to meet the rigid requirements of industry. Now being used in many large professional woodworking shops.

9-inch swing . . . 30 inches between centers . . . 46¾-inch bed. Extra heavy cast semi-steel construction reduces vibration! Even under heavy cuts on high speeds it operates with exceptional smoothness and accuracy. Massive bed is rigid . . . well braced. Three-point mounting helps eliminate twist and strain. All parts are machined to precision tolerances for greater accuracy and dependability.

Two sealed precision radial thrust ball bearings in headstock—double-shielded and lubricated for life . . . give almost limitless service. Protected against dirt and grit. Assure longer life . . . greater security. . . Smoother operation!

No. 1 Morse Female taper in both headstock and tailstock. Easy to use with work arbor, drill chuck, etc. Removable cover on outboard end of headstock spindle; permits outboard turning of larger diameter work without reversing motor. Spring loaded indexing pin for use in fluting. Convenient location of tail stock lock and tailstock ram lock. No wrench needed to adjust tool rest height.

Can be driven from rear or below. Attractive rust-resisting gray enamel finish. Comes complete with tool rest, spur, and cup centers, wrench (for both tool-rest slide and tailstock), 4-inch 4-step machine pulley, giving 4 speeds (875 to 3450 R.P.M.), and ½x44-inch V-belt. Lathe bed extension not included (See 99A02488 listed and described below.)

99 A M2307—Without motor, motor pulley or lathe bed extension. Shipping weight 76 pounds.....**$46.50**

99 A MT2195—As above, but with DUNLAP ½-H.P. split phase 1750 R.P.M. 110-120-volt 60-cycle A.C. motor and pulley. Shipping weight 103 pounds.....**$61.50**

B 99 A 02488—**18-in. Lathe Bed Extension.** Exceptionally handy when you're doing extra long turning, such as table legs, bed posts, lamp standards, etc. Increases the distance between centers up to four feet. Heavy cast semi-steel; one-piece construction. Ribbed and reinforced like lathe bed. Designed for use with above lathe and our earlier model 103.2318. Shpg. wt. 19 lbs.....**$9.75**

C 9 A 2920—**"The Wood Lathe" Instruction Book.** Fully illustrated. 32 pages, 230 illustrations. Describes over 150 lathe operations; tells how to mount attachments, etc. Shipping weight 2 ounces.....**25c**

D **CRAFTSMAN 5-pc. Wood-turning Chisel Set.** Polished 4-in. tempered vanadium steel blades. 8-in. smooth hardwood handles; heavy ferrules. Length 13 in. Includes: ½-in. gouge; ½-in. spear point chisel; ½-in. round nose chisel; ⅝-in. parting tool; ½-in. skew chisel.
9 A 2855—In box. Shpg. wt. 2 lbs. 4 oz.....Set **$7.75**

Individual CRAFTSMAN Wood-turning Chisels. Same quality as in 9 A 2855 (listed above).

[E] 9 A 2850—Gouge, ¼-in. wide. Shpg. wt. 10 oz...**$1.90**
[F] 9 A 2851—Gouge, ½-in. wide. Shpg. wt. 11 oz...**$2.00**
[G] 9 A 2852—Gouge, ¾-in. wide. Shpg. wt. 13 oz... 2.25
[H] 9 A 2854—Spear Point Chisel, ½-in. wide. Shipping weight 11 ounces.....**$1.45**
[J] 9 A 2858—Parting Tool, ⅛-in. wide. Shipping weight 11 ounces.....**$1.85**
[K] 9 A 2862—½-in. Skew Chisel. Shpg. wt. 11 oz....**$1.55**
[L] 9 A 2856—Round Nose Chisel, ½-in. wide. Shipping weight 11 ounces.....**$1.55**
[M] 9 A 2863—1-in. Skew Chisel. Shpg. wt. 11 oz....**$1.70**

N **CRAFTSMAN 4-pc. Carbide-tipped Turning Chisel Set.** Special carbide-tipped steel blades! Easily sharpened. Hardwood handles. For working wood, plastic, aluminum, and brass.
9 A 3629—*Complete set as listed individually below.* Shipping weight 2 pounds 6 ounces.....**$11.25**
9 A 3624—⅛-in. Parting Tool. Shpg. wt. 8 oz.....$2.50
9 A 3625—⅜-in. Round Nose Chisel. Shpg. wt. 11 oz.. 2.95
9 A 3626—¾-in. Skew Chisel. Shpg. wt. 10 oz..... 3.25
9 A 3627—½-in. Gouge. Shpg. wt. 11 oz..... 3.25

P **Work arbor with 3-jaw, ½-in. Drill Chuck.** Chuck and ½-in. x 20-thread arbor with steel flanges. Fits any lathe with ½ or ⅝-in. unthreaded straight spindle. Fastens with 2 set screws. *State whether for ½ or ⅝-in. spindle.*
9 A 2151—Shipping weight 1 pound 10 ounces..... **$2.00**

R **CRAFTSMAN General-Purpose Work Arbor.** Carbon steel, 4 in. long. 2⅜-in. spindle has ½-in. x 20 thread. Steel flanges. 2 set screws. *Please state whether for ½ or ⅝-in. bore.*
9 A 2164—Shipping weight 12 ounces.....**$1.20**

Lathe Centers. For any lathe with ⅝-in. straight spindle. Fastens with 2 set screws. Replaceable point.
[S] 9 A 2105—**Headstock Spur Center.** Shpg. wt. 6 oz....95c
[T] 9 A 2102—**Tailstock Cup Center.** Shpg. wt. 6 oz....95c

[U] **Face Plate.** Cast iron. For any lathe with ⅝-in. straight unthreaded spindle. 4-in. diam. Set screw.
9 A 2320—Shipping weight 1 lb. 5 oz.....**$2.10**

V **20-in. Tool Rest.** For 99 A M2307 lathe above. Cast semi-steel; machined and finished. Height adjustable. Comes with one bed bracket.
9 A 2316—Shipping weight 7 lbs. 6 oz.....**$4.95**

W **Sanding Plates.** Cast iron construction. Fitted with sandpaper.
9 A 2491—8-in. For 99 A M2307 above, or any lathe with ¾ in. x 16 R.H. thread. Wt. 2 lbs. 8 oz...**$4.60**
9 A 2341—8-in. For any lathe with ⅝-in. straight unthreaded spindle. Shipping weight 2 pounds..... **3.95**

X **Face Plates.** Cast iron. For 99 A M2307, or any lathe with ¾-in. x 16-thread spindle. Comes with set screw. Shipping weight each 2 pounds.
9 A 2489—4-in. diameter. For inboard turning....**$2.45**
9 A 2490—8-in. diameter. For inboard turning.....**$3.75**
9 A 2492—8-in. diameter. For outboard turning.... 3.95

Y **Face Plate.** 3-in. diam. With spurs, removable center, and screw center. For 99 A M2307 above, or any lathe with ¾-in. x 16-thread spindle.
9 A 2091—Shipping weight 1 lb. 12 oz.....**$2.00**

Z **Work Arbor with Chuck.** 3-jaw screw-on type chuck. ½-inch capacity; tapped ½-inch x 20-thread. No. 1 Morse taper on shank.
9 A 2234—Shipping weight 1 lb. 8 oz.....**$2.00**

AA **Work Arbor.** ½ in. x 20-thread. 2 steel flanges; nut on head end for clamping wheels. No. 1 Morse taper.
9 A 2153—Shipping weight 9 oz.....**$1.15**

BB **Chuck Arbors.** Precision ground. *Postpaid.*
9 A 2123—Fits 9 A 2142 and 9 A 2143 chucks (listed on page 27). Has No. 1 Morse taper and No. 33 Jacobs taper. (Shipping weight 10 oz.). *Postpaid*.....**$1.10**
9 A 2154—Fits chucks 9A2129, 9A2144, 9A2991. (See pg. 27.) Has No. 1 Morse taper and No. 3 Jacobs taper. (Shpg. wt. 12 oz.) *Postpaid*....**$1.10**

CC **Screw Center.** Replaceable center. No. 1 Morse taper on shank end.
9 A 2116—Shipping weight 12 oz.....**$1.65**

DD **Precision Ball-bearing 60-degree Center.** Center point rotates on ball bearing. No. 1 Morse taper shank.
9 A 2112—Shipping weight 8 oz.....**$2.90**

EE **Spur Center.** Accurately ground. No. 1 Morse taper on shank end.
9 A 2106—Shipping weight 4 oz.....**$1.10**

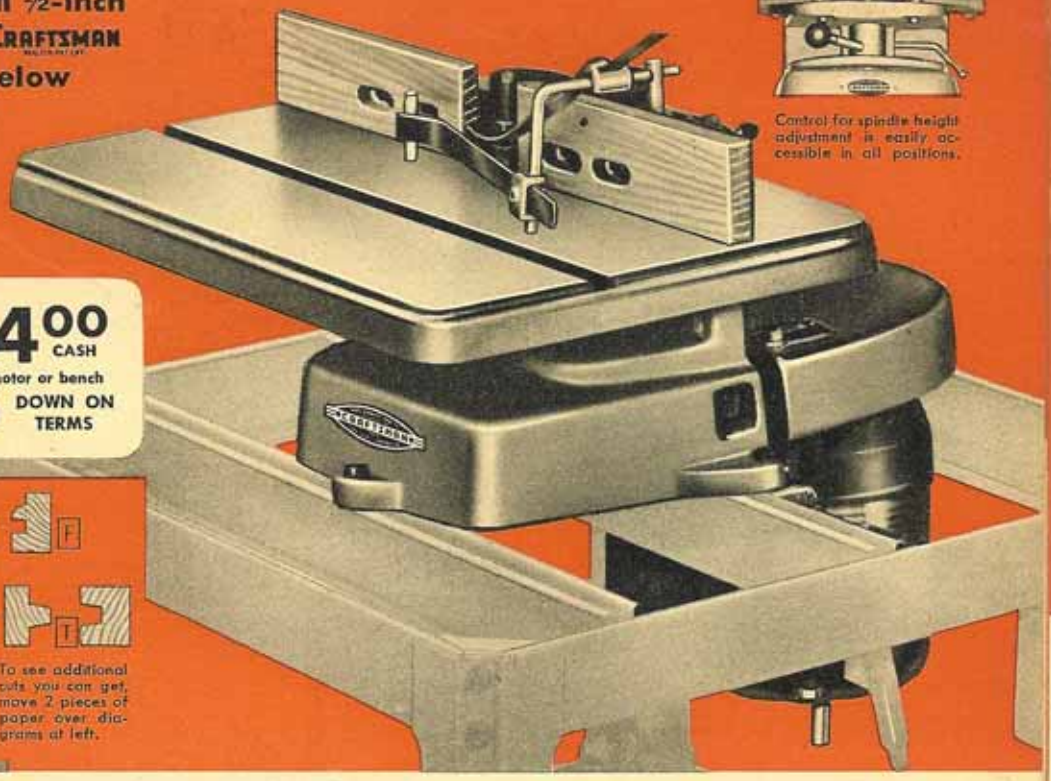
FF **Tailstock Cup Center.** No. 1 Morse taper. Replaceable center point.
9 A 2100—Shipping weight 3 oz.....**$1.10**

GG **60-degree Center.** No. 1 Morse taper on shank end.
9 A 2110—Shipping weight 3 oz.....**90c**

HH **CRAFTSMAN 4-jaw Independent Lathe Chuck.** For lathe with ¾-in. x 16-thread spindle. 4-in. diameter. Four reversible drop-forged jaws; work independently. T-handle wrench.
9 A 2156—Shpg. wt. 3 lbs. 10 oz.....**$9.50**

If your purchase totals $20.00 or more you can take advantage of Sears Easy Terms. See inside back cover.
Buy Your Power Tools on Easy Terms.

NEW Shaper Head . . fits all ½-inch diameter spindles . . takes CRAFTSMAN Bits shown and listed below



Control for spindle height adjustment is easily accessible in all positions.

$54.00 CASH
Without motor or bench
$5.50 DOWN ON TERMS

To see additional cuts you can get, move 2 pieces of paper over diagrams at left.

CRAFTSMAN High-Speed Wood Shaper and Cutter Head

REG. U.S. PAT. OFF.

Either side of fence easily adjustable without disturbing the other

CRAFTSMAN High-Speed Wood Shaper. Designed for high-speed, light duty production work. Cuts smoothly and rapidly at all possible angles to the grain of wood, using shaper cutters shown above. **Four features exclusive in this price range!** (1) BOTH sides of fence adjustable without loosening fence assembly. (2) Three-point mounting. (3) Collars, nuts and washers **hardened** to prevent burring. (4) Floating upper bearing for greater accuracy . . . two sets of sealed radial ball bearings, lubricated for life. **Extra-large, 21x15-inch ground cast semi-steel table.** Spring hold-downs hold work securely against table and fence while cutting. Table has miter gauge slot. Solid-type spindle construction—instead of interchangeable style—assures accurate concentricity. Reversible; rotates in either direction. Larger spindle diameter between bearings; same principle of design used in expensive grinding and boring machines; helps prevent whip and vibration.

Built-in guard completely encloses belt and motor pulley; adjustable for different belt lengths. Flat motor pulley (supplied) helps prevent belt misalignment when raising or lowering spindle. Comes with 3 spindle collars; machine pulley; motor pulley; and ½x33 inches V-belt. Shaper cutters described and sold separately at right.

99 A M2392—CRAFTSMAN Shaper described above, without motor or power tool bench. Shipping weight 76 pounds **$54.00**

99 A MT2406—As above, with ½-H.P. 3450 R.P.M. 110-120 volt 60-cycle A.C. ball-bearing capacitor motor. Shipping weight 107 pounds **$82.50**

99 A 01042L—**CRAFTSMAN Heavy-duty Power Tool Bench.** Smothers vibration. Slide rails shock mounted on rubber cushions. Cam-action clamps permit easy mounting of tools. Patented tension-bolted construction assures permanent rigidity. Legs adjust separately for uneven floors. Punched leg ends for wheel set. 26x26 inches. Stands 25 inches high. With bolts, instructions. Shipping weight 41 pounds **$15.95**

CRAFTSMAN Shaper Molding Cutter Head. Now—at last a shaper molding cutter head to add hundreds of uses to your wood shaper or drill press. The number of designs possible with this sensational new attachment are limited only by your own imagination. Jointing, planing, cutting picture frames or working building trim are a few of the jobs now possible with this versatile attachment. Order yours today and transform your wood shaper or drill press into a jointer, planer and molding cutter. Fits 99 A M2392 Shaper (listed at left, illustrated above) and all other ½-in. spindle wood shapers; also drill presses with No. 33 Jacobs taper spindle using adapter 9 A 2483. Special alloy steel. Positive-grip safety lock keeps bits accurately and securely aligned. Cutters changed quickly and easily without removing Head from machine. Uses bit sets listed below. In plastic box with compartments for 10 bit sets.
9 A 3268—Shipping weight 10 ounces **$2.75**

CRAFTSMAN Shaper Bit Sets. For use in Molding Cutter Head shown and listed above. Special analysis tool steel; 1 inch wide. Slot on blade insures true alignment in Head. In plastic box. Two bits in set except 9 A 3263 (tongue and groove) which has 4. Shipping weight each set except 9 A 3263: 2 ounces. *Order by catalog number.*

[A]	9 A 3267—**1-inch Planer and Jointer**	$1.65
[B]	9 A 3260—**Cabinet Door Lip Cutter**	1.65
[C]	9 A 3261—**¼ and ½-inch Quarter Round Cutter**	1.65
[D]	9 A 3262—**¼-inch 3-Bead Cutter**	1.65
[E]	9 A 3264—**Cloverleaf-Screen Mold Cutter**	1.65
[F]	9 A 3270—**Panel Cupboard Cutter**	1.65
[G]	9 A 3265—**Base Molding Cutter**	1.65
[H]	9 A 3271—**Glue Joint Cutter**	1.65
[J]	9 A 3272—**"Ogee" Window and Door Stop Cutter**	1.65
[K]	9 A 3273—**¼-inch Flute and ½-inch Cove Cutter**	1.65
[L]	9 A 3274—**90-degree Flute, Ornamental and Combination Cutter**	1.65
[M]	9 A 3275—**Curved Flute and 3/16-inch Quarter Round Cutter**	1.65
[N]	9 A 3276—**1-inch Flute Cutter (½-inch radius)**	1.65
[P]	9 A 3277—**5/16-inch Quarter Round, 5/16 inch Cove (drop leaf) Cutter**	1.65
[R]	9 A 3278—**⅜ and ⅜-inch Quarter Round and ¼-inch Bead Cutter**	1.65
[S]	9 A 3279—**⅜-inch Cove Cutter**	1.65
[T]	9 A 3263—**Tongue and Groove Cutters.** New, improved wedge-type design. Includes four bits. Shipping weight 4 ounces	3.25

For additional cuts, move 2 pieces of paper over diagrams at left.

SHAPER CUTTERS. For shaper or drill press. High speed cutters of finest quality hardened, special alloy steel. Precision machined, accurately ground. ½-in. bore.

[U] **Matched tongue and groove cutters.** 1 in. high; each has ⅜-in. radius.
9 A 2365—Shpg. wt. 5 oz. **$3.75**

Drop Leaf Cutters. Must be used together to make drop leaf joint. Can be used for special cuts on boards 3/16 to 1 inch thick. 1 inch high; ⅜ inch radius.
[V] 9 A 2450—**Concave Cutter.** Shpg. wt. 4 oz. **$1.90**
[W] 9 A 2451—**Convex Cutter.** Shpg. wt. 4 oz. **1.90**

Large size shaper cutters. Accurately ground. Keen long lasting edges. Shipping weight each 5 ounces.
[X] 9 A 2347—1-inch high; 1¼-in. radius **$2.75**
[Y] 9 A 2346—1-inch high; 1¼-in. radius **$2.75**
[Z] 9 A 2348—1-inch high; 1¼-in. radius **2.75**
[AA] 9 A 2345—1-inch high; 1¼-in. radius **2.75**

Small size shaper cutters. ⅛-in. radius.
[BB] 9 A 2319—¼ in. high. Shpg. wt. 2 oz. **$1.35**
[CC] 9 A 2323—1 in. high. Shpg. wt. 3 oz. **1.90**
[DD] 9 A 2321—½ in. high. Shpg. wt. 2 oz. **1.60**
[EE] 9 A 2329—1 in. high. Shpg. wt. 3 oz. **1.90**
[FF] 9 A 2335—1 in. high. Shpg. wt. 3 oz. **1.90**
[GG] 9 A 2327—1 in. high. Shpg. wt. 3 oz. **1.90**
[HH] 9 A 2333—1 in. high. Shpg. wt. 3 oz. **1.90**

Special shaper cutters. ⅜-inch radius. Shpg. wt. ea. 3 oz.
[JJ] 9 A 2380—**Small Picture Frame Cutter.** ½ in. high **$1.90**
[KK] 9 A 2395—**Large Picture Frame Cutter.** 1 in. high **$1.90**
[LL] 9 A 2309—**Shoe Molding Cutter.** 1 in. high **1.90**
[MM] 9 A 2389—**Cupboard Door Cutter.** 1 in. high **1.90**
[NN] 9 A 2376—**Bead Cutter.** 1 in. high **1.90**

[PP] **Set of 5 Shaper Collars.** Mount beneath cutters to control depth of cut. Fit ½-in. spindle.
9 A 2367—Shipping weight 6 ounces **$1.95**

[RR] **Sash and Door Cutter Kit.** Fits 99 A M2392 shaper above, and our former shaper 2381. 5 spring collars (⅛, ¼, 3/16, ½, 1 in. wide) with ½-in. bore; sash cutter blade; Allen wrench; 3 recessed nuts (½x24, ½x20 and ½x16-thread).
9 A 2407—Shipping weight 8 ounces **$3.50**

6-in. belt and disc sander. *Over 100 sq. in. of sanding surface.* Heavy duty . . . designed and built for production work in industry. Operates at any angle from 0 to 90°. 17 9/16 in. long belt table is 6½-in. wide. Sands both flat and curved surfaces . . . end grain and small work with 9-in. disc; curved and irregular work with end drums. Sanding disc, table, miter gauge, and fence included.

Adjustable work table can be tilted to any angle from 0 to 45°, is transferable from end to side for disc use. Miter gauge fits slot in table.

Exclusive quick-change belt release. Change grit belt table easily in seconds! Lever releases belt tension. Position of sanding belt table easily adjusted. 3-in. diameter drums; one rubber-covered. Tension-adjustment on idler pulley brackets controlled by hand knobs. Drive pulley and idler pulley are slightly lower than belt table surface to prevent gouging of long work. 4 large self-lubricating bronze bearings. Table and frame of cast semi-steel. With adjustable work table; miter gauge; 9-in. abrasive disc; adjustable stop guard; 6x48 5/16-in. sanding belt; 3-in. machine pulley. For extra sanding discs and sanding belts, see 9A2526 and 9A2167 listed below.

99 A 02235L—CRAFTSMAN 6-inch Belt and Disc Sander as above, without motor, motor pulley, V-belt or bench. Shpg. wt. 67 lbs. . . . **$47.50**

99 A T2233L—CRAFTSMAN 6-inch Belt and Disc Sander as above, with ½-H.P. 1750 R.P.M. capacitor ball-bearing 110-120-volt, 60-cycle A.C. motor, 50x½-in. V-belt, 2½-in. motor pulley. Shpg. wt. 101 lbs. **$75.00**

99 A 01048K—**Adjustable Steel Power Tool Bench.** Perfect for almost every power tool except bench saw. Tension-bolted steel frame; 14x28 in. Floor leveling adjustment. Height adjusts from 27½ to 31½ in. 2-piece pivot motor mount. Complete with two cross slides, hardware and instructions. Fewer bolts make assembly easier. Shipping weight 27 pounds. **$10.95**

A **DUNLAP 4-inch Sander.** Does flat work with sanding belt; irregular work using end pulleys as sanding drums. For wood or metal. 3-point mounting. Self-lubricating porous bronze bearings. Cast semi-steel body and table. Belt tracking adjustment. Fence adjustable; easily removed. With adjustable stop guard; 4x36-in. medium-grit sanding belt; machine pulley.

99 A 02236—DUNLAP 4-in. Belt Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 19 pounds. **$16.50**

99 A T2222K—With ¼-H.P. 1750 R.P.M. bronze-bearing split phase motor (110-120-volt, 60-cycle A.C.); motor pulley; V-belt. Shpg. wt. 43 lbs. **$30.50**

99 A 01048K—**Adjustable Steel Power Tool Bench.** Perfect for almost every power tool except bench saw. Tension-bolted steel frame; 14x28 in. Floor leveling adjustment. Height adjusts from 27½ to 31½ in. 2-piece pivot motor mount. Complete with two cross slides, hardware and instructions. Fewer bolts make assembly easier. Shpg. wt. 27 lbs. . . . **$10.95**

B **Disc Cement.** Fastens sanding discs to metal or wood sanding plates. Non-drying to permit quick and easy change of discs.

9 A 2219—4¾ ounce stick. Shipping weight 6 ounces. **35c**

9 A 2229—16 ounce stick. Shipping weight 1 lb. 2 oz. **75c**

C **CRAFTSMAN Liquid Cement.** Fastens abrasive discs to metal plates.

9 A 2535—½-pint bottle. Shipping weight 1 lb. 2 oz. **45c**

D **Abrasive Sanding Discs.** 9-inch diameter. Aluminum oxide on paper. For wood or metal. *State grit.*

9 A 2526—Pkg. of 6 fine grit. Shpg. wt. 8 oz. **69c**
Pkg. 6 medium grit. Shpg. wt. 8 oz. **69c**
Pkg. 5 coarse grit. Shpg. wt. 8 oz. **69c**

E **Endless Sanding Belts.** Aluminum oxide on cloth. For sanding wood or metal. *State fine, medium, or coarse grit.*

9 A 2215—4x36 in. Shipping weight 4 ounces. **59c**

9 A 2167—6x48 5/16-in. Shipping weight 8 ounces. **$1.10**

Take the Tool to the Job!

CRAFTSMAN 50-in. Shaft

Fits ½-inch motor shaft. Ball bearings in aluminum alloy handpiece and motor couplings. Black steel end fittings. ⅝-in. core. Spindle is ½x20 thread. **Set also includes:** 6-in. double-thickness sewed buff; 6-oz. bar rouge buffing compound; 5-oz. bar Tripoli (brown) buffing compound for wood, plastics, etc.; 4-in. rubber and abrasive polishing wheel, ½ in. thick. ½-in. bore; 5½-in. flexible sanding plate with abrasive disc; ¼-in. capacity 3-jaw screw-on chuck.

99 A T2651K—With DUNLAP split phase ¼-HP bronze bearing motor; 1750 RPM; 110-120-volt, 60-cycle AC. Shpg. wt. 31 lbs. . **$27.75**

9 A 2630—**Without motor.** Shpg. wt. 8 lbs. **$14.95**

9 A 2633—**Flexible Shaft only.** Shpg. wt. 6 lbs. **$10.95**

99 A T2619K—**Flexible Shaft,** with motor. Shpg. wt. 29 lbs. **$23.75**

9 A 2634—**Flexible Shaft Extension.** (Not shown.) 38 in. long. Makes shaft above 88 in. long. Shpg. wt. 3 lbs. 2 oz. **$3.95**

9 A 2622—**Extra Core** for flexible shaft or extension. Shpg. wt. 1 lb. 2 oz. **$2.65**

CRAFTSMAN 72-in. Shaft

Chrome-plated steel hand piece and motor coupling have extra large precision ball bearings for smoother operation and longer wear. Hand piece is rust-resisting. Knurling on hand piece gives firm grip. Black steel end fittings.

Extra long 72-inch shaft. Fits ½-inch motor shaft. Spindle is ½-inch, 20-thread. Core is made from ½-inch high carbon steel wire, helically-wound, multiple-strand. Inner casing is of helically wound steel, covered with heavy, abrasion-resistant synthetic rubber jacket . . steel impregnated . . will not scratch surfaces.

With casing, core, motor coupling, hand piece and simple instructions.

99 A T2629L—**CRAFTSMAN 72-inch Flexible Shaft,** with ½-H.P. 1750 R.P.M. Capacitor ball bearing motor for 110-120-volt, 60-cycle AC. ½-inch double end shaft. Shipping weight 46 pounds. **$56.00**

99 A 02655L—**CRAFTSMAN 72-inch Flexible Shaft,** without motor. Shipping weight 12 pounds. **$29.95**

9 A 2682—**Extra Core** for above flexible shaft. Shipping weight 3 pounds 4 ounces. **$7.25**

ACCESSORIES for Flexible Shafts and other tools

Mounted grinding tools. Points made of highest quality vitrified aluminum oxide. Accurately mounted on ¼-inch steel shafts; run true. For finish work, die cutting, or other grinding work. Sizes given are stone sizes. *State catalog number and quantity.* Shipping wt. each 3 oz.

	Catalog No.	Diam.	Length	Each
F	9 A 6461	¾ in.	2½ in.	59c
G	9 A 6463	⅜ in.	2 in.	59c
H	9 A 6462	½ in.	2 in.	59c
J	9 A 6459	1 in.	1 in.	59c
K	9 A 6458	13/16 in.	⅜ in.	59c
L	9 A 6457	¾ in.	1 1/16 in.	59c
M	9 A 6460	1 in.	1 in.	59c
N	9 A 6443	1 in.	½ in.	59c
P	9 A 6444	1½ in.	½ in.	59c

R **Cup Grinding Wheel.** Resinoid bonded. ½-in. bushed arbor hole. 5-in. diam.; 2-in. flared cup; 1-in. rim. Use with flexible shaft.

9 A 6401—**Silicon carbide.** For grinding and smoothing cast iron, concrete, etc. Shipping weight 2 lbs. 4 oz. **$4.29**

9 A 6402—**Aluminum oxide.** For grinding and smoothing steel, welds, etc. Shipping weight 2 lbs. 4 oz. **$3.98**

S **CRAFTSMAN 6-piece Rotary Cutter Set.** High speed steel cutters; ¼-inch diameter shanks. For flexible shafts, electric drills, bench drills, etc. For carving, filing, milling, routing, chamfering on wood, plastics and metal (except hardened steel). CRAFTSMAN quality throughout . . . which means only the finest materials are used. *Order now!* Shpg. wt. 6 oz.

9 A 2965 . . . . . **6-piece set $6.25**

Individual Rotary Cutters. 6 different shapes (listed below). Shipping weight each 3 ounces.

9 A 2970—⅜-in. Tree shape (pointed end) . . Each **$1.15**

9 A 2967—¼-in. Spherical . . . . . Each **1.15**

9 A 2966—¼-in. Cylindrical . . . . . Each **1.15**

9 A 2968—⅜-in. Elliptical . . . . . Each **1.15**

9 A 2971—¼-in. Conical . . . . . Each **1.15**

9 A 2969—¼-in. Tree shape (radius end) . . Each **1.15**

T **Angle Head.** For sanding and polishing. Cast aluminum head. Ball bearings take thrust; needle bearings take radial load. 1-to-1 gear ratio. Removable rubber grip. Fits flexible shaft 99A02655L only (listed at top of page).

9 A 2628—Shpg. wt. 2 lbs. 8 oz. **$28.95**

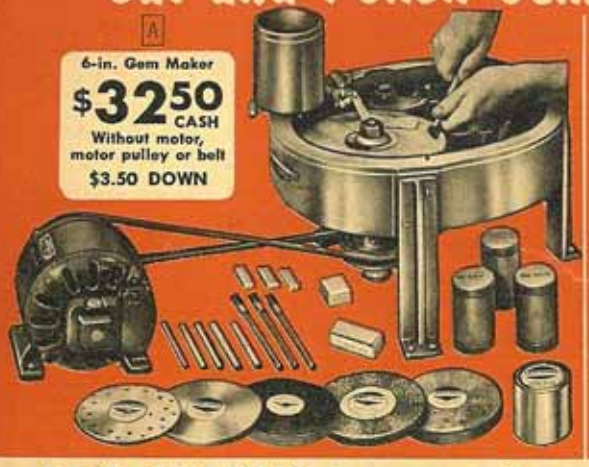
Wheel Guards. Protect hand and eyes. With hand grip. For any 4-in. grinding or wire wheel.

U 9 A 2637—Fits 9A2633 (at top of page); or any flexible shaft with 1 5/16-inch diameter hand piece. Shpg. wt. 1 lb. 3 oz. **$3.45**

V 9 A 2638—Fits 99A02655L (at top of page); or any flexible shaft with 1 5/16-inch diameter hand piece. Shpg. wt. 1 lb. 3 oz. **$3.45**

Build your order to $20.00 and buy on Sears Easy Terms. See inside back cover

Cut and Polish Gems Yourself!



CRAFTSMAN Gem Makers..Complete with needed Accessories

REG. U. S. PAT. OFF.

Everything you need to pursue your lapidary (gem cutting and polishing) hobby. All parts light, strong aluminum alloy castings. 3 sturdy aluminum alloy legs for bolting to workbench. All wheels run in horizontal positions. Wheels changed easily by removing bolt and lifting wheel from spindle. Large capacity lubrication cup moves around the rim. Deep lipped splash rim keeps liquids from splashing out. Rifled-drilled shaft provides forced lubrication to the bearing when grease cup is tightened. Use ¼-H.P. motor at 1750 R.P.M. . . . and 1½-in. motor pulley with 32 to 48-in. V-belt. (Motor, motor pulley and V-belt not included with set, order separately.) Order extra supplies for gem making from complete listings at right.

6-inch Gem Maker

A **EQUIPMENT INCLUDED:** Complete 6-in. Gem Maker; 6-in. super-charged diamond wheel; 6-in. cast iron lap wheel; 6-in. silicon carbide grinding wheel; 6-in. wood scratch wheel; 6-in. silicon carbide scratch wheel; 6-in. special felt polishing wheel; 4-oz. No. 100 grinding compound; 4-oz. No. 220 grinding compound; 3-oz. polishing compound; 3 brushes for applying compounds; 6 assorted dop sticks; 1 stick dop cement; assorted gems for cutting; ½ pint soluble oil; instructions. Height, with cup 11¼ inches.

99 A 01400—**6-inch Gem Maker,** without motor, motor pulley or V-belt. Shipping weight 18 lbs. **$32.50**

99 A 01974K—**DUNLAP ¼-H.P. 1750 R.P.M. split phase motor.** For 110–120 volt, 60-cycle AC. (Use 1½-in. motor pulley, 32 to 48-in. V-belt). Shipping wt. 23 lbs. **$12.95**

10-inch Gem Maker

B **EQUIPMENT INCLUDED:** Complete 10-in. Gem Maker; 10-in. diamond blade; 10-in. cast iron lap wheel; 8-in. grinding wheel; 8-in. scratch wheel; 8-in. polishing wheel; 4-oz. No. 100 grit compound; 4-oz. No. 200 grit compound; 3-oz. polishing compound; 3 brushes; 6 dop sticks; dop cement; assorted gems; 16 oz. can oil; lead weights for sawing; instructions.

99 A 01422L—**10-in. Gem Maker,** without motor, motor pulley or V-Belt. Shipping weight 45 lbs. **$61.75**

99 A 01974K—**DUNLAP ¼-H.P. 1750 R.P.M. split phase motor.** For 110–120-volt, 60-cycle AC. Use 1½-in. motor pulley 32 to 48-in. V-belt. Shipping wt. 23 lbs. **$12.95**

9 A 1441—**Grinding Compound.** One each of No. 100 and No. 220, 12-oz. packages. Shipping wt. 1 lb. 12 oz. . . . . 2 pkgs. **$1.15**

9 A 1403—**12-oz. package Polishing Compound.** Shipping weight 14 oz. **$1.49**

9 A 1429—**Soluble Oil for sawing.** 1 pint. Shipping weight 1 lb. 8 oz. **65c**

9 A 1405—**6 or 8 in. Replacement Discs.** *State diam.* 6-in. Shpg. wt. 2 oz. . . . . 4 for **$1.00**
8-in. Shpg. wt. 4 oz. . . . . 3 for $1.10

9 A 1406—**6 or 8-in. Scratch Wheels.** *State diam.* 6-in. Shpg. wt. 8 oz. . . . . Each **89c**
8-in. Shpg. wt. 1 lb. 4 oz. . . . . Each $1.29

9 A 1407—**6x½ or 8x¾-in. Grinding Wheels.** *State diam.* 6-in. Wt. 1 lb. 4 oz. . . . . Each **$2.95**
8-in. Shpg. wt. 4 lbs. 10 oz. . . . . Each *5.75*

9 A 1410—**6 or 8-in. Polishing Wheels.** *State diam.* 6-in. Shpg. wt. 8 oz. . . . . Each **$1.60**
8-in. Shpg. wt. 1 lb. 4 oz. . . . . Each $1.98

9 A 1442—**5-oz. pkg. Dop Cement and 6 assorted Dop Sticks.** Shpg. wt. 10 oz. **$1.15**

9 A 1443—**1-pound Package of Assorted Semi-Precious Stones.** Contains Agate and Obsidian stones up to 1 inch in diameter. Ready to be cut and polished. Shpg. wt. 1 lb. 7 oz. **$1.95**

Super-charged Diamond Cutting Wheels. ½-inch bore. 8, 10, and 12-in. sizes shipped from factory near Chicago. Pay postage from your store. *State diameter.*
9 A 1418—6-inch. For 99A01400 Gem Maker. Shipping wt. 9 oz. . . . . Each **$9.25**
9 A 1418F—8-inch. For our former 01421L Gem Maker. Shpg. wt. 14 oz. . . . Each **$11.40**
9 A 1418F—10-in. For 99A01422L Gem Maker. Shpg. wt. 1 lb. 2 oz. . . . . Each **$14.80**
9 A 1418F—12-inch. Not for Gem Makers shown. Shpg. wt. 1 lb. 10 oz. . . . . Each **$21.80**

7 easy steps

First, simply saw the stone flat on one side with diamond blade.

Smooth flat surface with cast iron lap wheel.

Cement the stone to the round wood dop stick to permit easier handling.

Shape the top and sides of the stone on the silicon carbide grinding wheel.

Take out the deeper scratches in the shaped stone with the wood lap wheel.

Take out the remaining smaller scratches with the scratch wheel.

Give the gem a beautiful, gleaming finish with the felt polishing wheel.

1100 Pictures
600 Operations
192 pages

C **"The Drill Press" Instruction Book.** Thirty-two pages covering more than 100 drill press operations. Describes drilling, shaping, sanding, mortising, dovetailing, routing, carving. More than 200 illustrations. Shpg. wt. 2 oz.
9 A 2921 . . . . . **25c**

D **"The Jointer, Shaper and Thickness Planer" Instruction Book.** A complete manual of operation. Thirty-two pages with more than 200 illustrations. Clearly describes more than 30 operations. Provides complete sharpening instructions.
9 A 2916–Shpg. wt. 2 oz. **25c**

E **"The Circular Saw" Instruction Book.** Thirty-two pages; more than 215 illustrations. Describes use of bench, electric hand, swing, builders' and radial saws. Clear instructions for making 30 wood joints. Shpg. wt. 2 oz.
9 A 2926 . . . . . **25c**

F **Arc Welder Manual.** Says striking an arc is easy as striking a match. Provides step-by-step instruction on how to arc weld. Describes how to mend broken equipment and construct new devices for more efficiency. Aid to farm welders. 36 pages; 165 illustrations.
9 A 2025–Shpg. wt. 3 oz. **49c**

G **"The Jig Saw and Band Saw" Instruction Book.** 32 pages. More than 160 illustrations. Detailed description for operating jig saws and band saws. Many short-cuts. Strongly paper bound. Shipping weight 2 ounces.
9 A 2919 . . . . . **25c**

H **Metal Lathe Manual.** Sound, practical explanation of metal lathe operations. Contains pages of machinists' tables. Well illustrated; 234 pages. Each section indexed for easy reference. A "must" wherever metal lathes are used. Shpg. wt. 1 lb. 4 oz.
9 A 2925 . . . . . **$1.50**

J **"The Wood Lathe" Instruction Book.** Thirty-two fully illustrated pages. Describes and illustrates more than 225 wood-turning operations; tells how to mount attachments; fully describes centering, planing, etc.
9 A 2920–Shpg. wt. 2 oz. **25c**

K **"The Oxy-Acetylene Welder's Handbook."** A complete, practical oxy-acetylene welder's manual for beginners and experienced welders alike. Shows how to do welding, cutting, brazing, etc. 258 pages. Fully illustrated. Shipping weight 1 lb.
9 A 5411 . . . . . **$3.50**

L **"How to Sharpen" Manual.** Shows how to give almost any cutting tool a keen edge. Invaluable to mechanics, farmers, homeowners. 32 pages with more than 200 illustrations. Shpg. wt. 2 oz.
9 A 2924 . . . . . **25c**

M **"How to Spray Paint Like an Expert."** Discusses paint spraying . . from how to select a spray outfit to novelty wood finishing. Tells how to spray car, house, furniture, etc. 32 pages; 160 illustrations. *Order now!* Shpg. wt. 2 oz.
9 A 1899 . . . . . **25c**

Power Tools—and how to use them. Completely outlines more than 600 operations for power tools. Includes comprehensive instruction for power saws, drill press, jointer, shaper, wood lathe, electric drill, sander, router, etc. More than 1100 explanatory illustrations. 192 pages. Shpg. wt. 11 oz.
9 A 2912 . . . . . **$1.50**

Two pages of Accessories for these Power Tools

A Floor Brush. Handy for scrubbing, waxing, etc. 1-in. long Tampico fibers set in 6-in. diameter hardwood block. ½-in. arbor hole. Shpg. wt. 11 oz.
9 A 6487 ..... **$1.15**

B Wire Cup Brush. Special crimped steel wire bristles. 1½-in. long, secured in metal holder. For removing scale, rust, paint or weld spatter from rough metal surfaces. Brushing surface has 1½-in. face. 2¾-in. outside diameter; ½-in. arbor hole. Shipping weight 4 oz.
9 A 6485 ..... **90c**

C Carbon Removing Brush. Used by auto mechanics for hard-to-get-at jobs such as carbon removing, brushing motor parts, engine heads, etc. 1-in. long tempered steel wires secured in metal holder. Ferrule diameter 1 in.; ¼-in. diameter steel shank. Shpg. wt. 4 oz.
9 A 6484 ..... **75c**

D Tampico Fiber Wheel Brush. Tampico fiber secured by metal center. 6-inch diameter, ⅝-inch face, ½-inch arbor hole.
9 A 6486—Shipping wt. 8 oz. **90c**

E Steel Wire Wheel Brushes. Crimped steel wire; metal center. **Coarse** made from No. 33 wire; **fine** from .006-in. diameter wire; **heavy duty** from No. 33 wire. *State wheel diameter and arbor hole size wanted.*

Diam.	Face Width	Arbor Hole	Shpg. wt.	Each
9 A 6480—Coarse.				
4 in.	⅞ in.	½-in.	5 oz.	60c
6 in.	⅞ in.	½ or ⅝-in.	11 oz.	90c
8 in.	1⅛ in.	½ or ⅝-in.	1 lb.	$1.10
9 A 6482—Fine.				
4 in.	⅜ in.	½-in.	5 oz.	85c
6 in.	½ in.	½ or ⅝-in.	11 oz.	$1.15
8 in.	⅝ in.	½-in.	1 lb.	1.45
9 A 6483—Heavy duty.				
4 in.	.1 in.	½-in.	14 oz.	$1.70
6 in.	.1⅛ in.	½-in.	1 lb. 12 oz.	2.25
6 in.	.1⅛ in.	⅝-in.	1 lb. 12 oz.	2.25
8 in.	.1⅜ in.	½-in.	2 lbs. 12 oz.	2.95

F Sanding Drums. Complete with adapter and medium grit sleeve. Diameter 2¼ in.; length 3 in. Fits ¼-in. x 20-thread shaft.
9 A 2524—Shipping weight 12 oz. **$1.60**
Replacement Sanding Sleeve. (Not shown.) For above. *State grit: fine, medium, coarse.*
9 A 2522—Shipping weight 2 oz. ..... Each **15c**

G Lamb's Wool Polishing Drum. 1-in. wool pile. Diameter 2¼ in.; length 3 in. Slips over sanding drum 9A2524 at left; polishes curved and irregular surfaces.
9 A 2533—Shipping weight 3 oz. **89c**

H Lamb's Wool Polishing Bonnets. Fit over sanding plates. For polishing wax surfaces. Shpg. wt. each 8 oz.
9 A 2520—4⅝-in. Fits over 3½ to 4-in. sanding plate. 1-in. pile **59c**
9 A 2521—6-in. Fits over 4 to 5-in. sanding plate. 1-in. pile **79c**
9 A 2527—7-in. Fits over 5 to 6-in. sanding plate. 1-in. pile **$1.15**
9 A 2528—8-in. Fits over 7-in. sanding plate. 1¼-in. pile **1.35**
9 A 2539—9-in. Fits over 8-in. sanding plate. 1¼-in. pile **1.69**

J CRAFTSMAN Spiral-sewn Buffs. Highest quality. Most generally used buff for all work. Made from unbleached muslin, 64x64-thread count. ½-in. center hole. *Order by catalog number and state diameter.*

Catalog No.	Diam.	Layers	Shpg. wt.	Each
9 A 6491	4 in.	18	2 oz.	29c
Single Thickness Buffs	6 in.	18	3 oz.	49c
	8 in.	18	6 oz.	69c
9 A 6493	4 in.	32	3 oz.	45c
Double Thickness Buffs	6 in.	32	6 oz.	69c
	8 in.	32	11 oz.	$1.00

CRAFTSMAN Loose Buffs. (Not Shown.) ½-in. center hole. Same as buffs at left but with rows of sewing. *State diameter.*

Catalog Number	Diameter	Rows of Sewing	Layers	Shpg. wt.	Each
9 A 6494	4 in.	2	32	2 oz.	45c
	6 in.	2	32	4 oz.	69c
	8 in.	3	32	7 oz.	$1.00

K CRAFTSMAN Buffing Set. For ½-in. shafts. 6-in. muslin wheel; 6-oz. bar Rouge and 5-oz. bar Tripoli compound.
9 A 2864—Shpg. wt. 1 lb. 1 oz. **$1.00**

CRAFTSMAN Buffing Compound Set. 5 oz. bar emery, tripoli, white and red rouge.
9 A 2896—Shpg. wt. 2 lbs. ..... 4 bars **75c**

CRAFTSMAN 5-oz. Buffing Compound Bars.
9 A 2860—White Rouge. Shpg. wt. 8 oz. .. **25c**
9 A 2865—All Purpose. Shpg. wt. 8 oz. .. **20c**

CRAFTSMAN Economy Size Buffing Compound Bars. 7¼x2¼x1½-in.
9 A 2872—White Rouge. 10-oz. bar. For hard metals. Shpg. wt. 1 lb. 8 oz. **55c**
9 A 2868—All Purpose. 1-lb. bar. For plastics, most metals. Wt. 1 lb. 4 oz. **55c**

L Sanding and Polishing Kits. Rubber plate; ¼-in. Chuck Adapter and sanding disc holder; lamb's wool bonnet. Shpg. wts. 4-in. 12 oz.; 5-in. 1 lb.
9 A 2827—DUNLAP 4-in. Kit **$1.00**
9 A 2841—CRAFTSMAN 5-in. Kit **1.50**

GRIT CHART

Grade	Approx. Grit	Flint or Sandpaper	Garnet Paper	Emery Cloth	Alum. Oxide Cloth
Extra fine	150	2/0	4/0	2/0	.....
Fine	120	1/0	3/0	....	3/0
Medium fine	100	1/2	2/0	½	2/0
Medium	80	1	0	1	0
Medium coarse	60	1½	1/2	....	1/2
Coarse	40	2	1½	.....	.....

Grits of Abrasive Papers and their uses
1. Use *coarse, medium coarse and medium grit* for fast removal of material.
2. Use *medium fine and fine grit* for semi-finishing and light removal of material.
3. Use *extra fine grit* for finishing, polishing.

M Garnet Paper. 9x11-inch sheets.
9 A 6795—*State grit and size package wanted.*

Grit	Shpg. wt. of 6	6 for
4/0 Extra fine	4 ounces	30c
3/0 Fine	4 ounces	30c
2/0 Medium fine	5 ounces	30c
0 Medium	6 ounces	33c
½ Medium coarse	7 ounces	39c
1½ Coarse	8 ounces	49c

9 A 3015—**New! Garnet Finishing Paper.** 9x11-in. sheets. For wood or metal. Flexible. *State grit wanted.*

Grit	6/0 Super fine	4/0 Extra fine	2/0 Med. fine
Shpg. wt.	3 oz.	3 oz.	3 oz.
6 for	21c	21c	21c

Wet or Dry Garnet Paper. 9x11-inch sheets. Use dry or with water or rubbing oil.
9 A 3018—*Please state grit wanted.*

Grit	6/0 Super fine	4/0 Extra fine	2/0 Medium fine
Shpg. wt.	3 oz.	3 oz.	3 oz.
6 for	27c	35c	43c

9 A 3006—**Assorted Grits.** 4½x5½-in. sheets. Shpg. wt. 2 oz. One pkg. (10 sheets) **19c**

N Emery Cloth. Package of 6 sheets; 4½x5½ inches; assorted grits. Shpg. wt. 3 oz.
9 A 6799—One package for **9c**
9 A 6798—3 sheets; 9x11 inches. Choice of 2/0, ½, or 1 grit. *Please state grit wanted when ordering.*
Grits 2/0, ½. Shpg. wt. 3 oz. 3 Sheets for **29c**
Grit 1. Shpg. wt. 3 oz. 3 sheets for **33c**

P Sandpaper. 4½x5-inch sheets. 20 sheets per package. Assorted grits. Shpg. wt. 4 oz.
9 A 6794—One package for **9c**
9x10-in. sheets. Sold only in units of 12.
9 A 6793—*State grit wanted when ordering.*

Grit	Shpg. wt. of 12	12 for
Extra fine	8 oz.	19c
Fine	8 oz.	23c
Medium	12 oz.	26c
Coarse	1 lb. 1 oz.	29c

Wet or Dry Silicon Carbide Paper. Use dry, with water or rubbing oil for removing rust, and polishing metal. 9x11-in. sheets. 6 sheets per pkg.
9 A 3021—*State grit wanted.*

Grit	Shpg. wt. of 6	6 for
400A ... 10/0 Super fine	3 oz.	45c
320A ... 9/0 Extra fine	3 oz.	45c
240A ... 7/0 Med. fine	3 oz.	45c

R Aluminum Oxide Cloth. 9x11-inch sheets. Toughest abrasive known.
9 A 6789—*State grit wanted when ordering.*

Grit	Shpg. wt. of 3	3 for
3/0 Fine	6 oz.	43c
2/0 Med. fine	6 oz.	43c
0 Medium	6 oz.	45c
½ Med. coarse	6 oz.	45c

S DUNLAP Sanding Block. With 30x1⅝ in. roll of med. grit garnet paper.
9 A 3681—Shpg. wt. 12 oz. **90c**

T CRAFTSMAN Hand Sander. 6-in. steel block frame 30x2-in. roll med. grit garnet paper over flat felt cushion. 2-in. wide.
9 A 3679—Wt. 15 oz. ... **$1.59**
9 A 3665—**Garnet Paper refills** for above. 30x2-in. roll. Choice of coarse, medium, fine grit. Shpg. wt. 2 rolls 6 oz.
2 rolls any 1 grit. *State grit* .. **25c**
9 A 3666—**Aluminum Oxide Refills** for above sanding block. 30x2-in. No. 60-coarse, No. 100-medium, No. 150-fine grit. Shpg. wt. 2 rolls 6 oz.
2 rolls any 1 grit. *State grit* .. **25c**

U CRAFTSMAN Shop Rolls. Cloth back aluminum oxide abrasive. For wood or metal finishing. *State catalog no. and grit.*

9 A 6431—1 inch wide			
Grit	Shpg. wt. of 6	10-yd. roll	
Fine	7 oz.	85c	
Medium	7 oz.	95c	
Coarse	10 oz.	$1.05	
9 A 6433—1½ inches wide			
Fine	7 oz.	$1.23	
Medium	10 oz.	1.39	
Coarse	13 oz.	1.63	

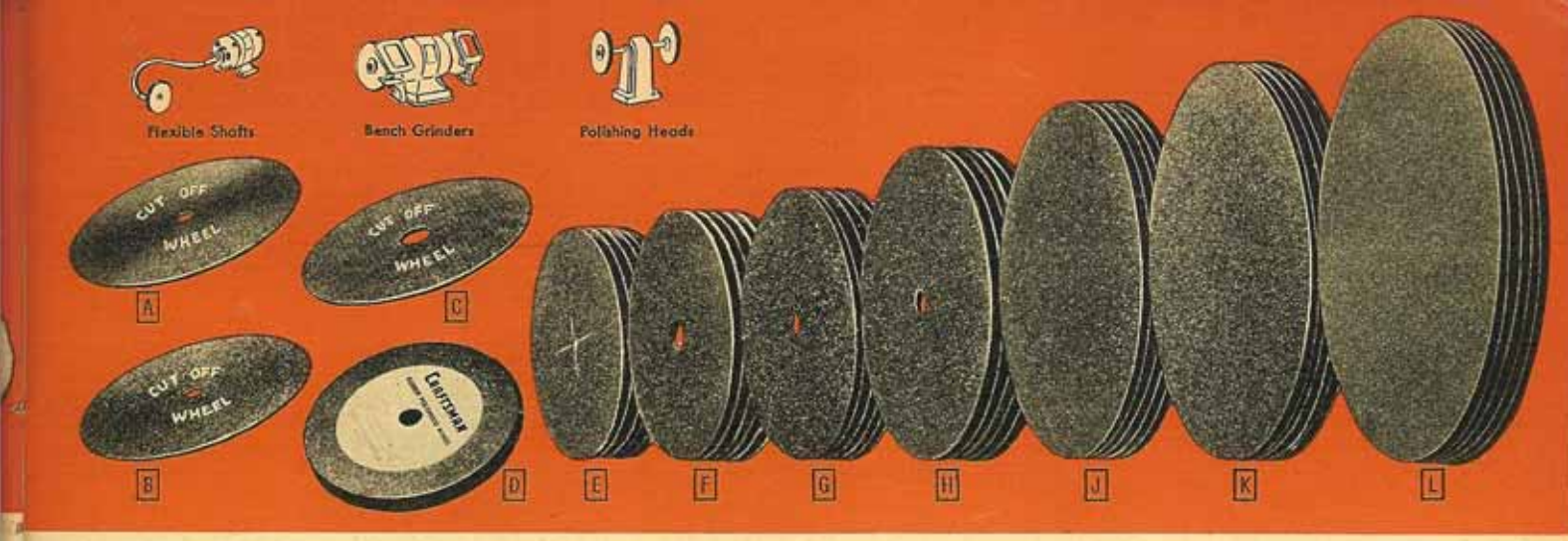
V DUNLAP High-quality Steel Wool. Handy around the shop or home. Ideal for housewives, cuts down scouring. Your choice of four grades in handy palm-size pads: 0-fine; 1-medium; 2-medium coarse; 3-coarse. *Be sure to state grade.*
9 A 6791—Package of 16 pads. Shipping wt. 1 lb. 4 oz. **45c**

W Casein Powder Glue. Makes a stronger bond than ordinary glue. Just mix it with water . . it's ready to use. Fine for use where dampness occurs. For use on wood, paper, cloth. Shipping weight 1 pound 4 ounces.
9 A 8092—11-oz. can **85c**

X Liquid Glue. Use for wood, leather, glass, etc. Ready to use . . . no mixing necessary.
9 A 8089—4-oz. bottle. Shipping weight 14 ounces .. **30c**
9 A 8082—8-oz. bottle. Shipping weight 1 lb. 4 oz. .. **59c**

Y DUNLAP White Glue. A fast setting clear drying liquid resin glue. For woodworkers, hobbyists, etc.; use for wood, leather, paper. Shpg. wt. 14 oz.
9 A 8087—4-oz. bottle **35c**

Orders over $20 or more can be paid for on Easy Terms



A Aluminum oxide abrasive rubber-bonded Cut-off Wheels. 8-in. diameter. For ½, ⅝, or ¾-in. shaft.
9 A 6470—*State shaft.* Shpg. wt. 1 lb. **$1.29**

B Resinoid-Bonded Cut-Off Wheels. ½-in. square arbor. 3/32-in. thick. For cement, metals, etc.
9 A 6471—6-in. diam. Shipping wt. 5 oz. **$1.39**
9 A 6472—6-in. diameter. ½-in. arbor hole. Cuts cement, tile, metal. Shipping weight 8 ounces **1.39**
9 A 6474—**Abrasive.** 7-in. diameter, ½-in. diamond arbor. Fits portable Skilsaws. Shpg. wt. 12 oz. **1.59**
9 A 6448—**Aluminum oxide.** 8-in. diameter. For ½, ⅝, ¾-in. shaft. Cuts steel sheets, tubing. *State shaft diameter.* Shipping weight 1 pound **$1.49**
9 A 6449—**Silicon carbide.** 8-in. diameter. For ½, ⅝, ¾-in. shaft. Cuts tile, porcelain. *State shaft size wanted when ordering.* Shpg. wt. 1 lb. **$1.59**
9 A 6455—**Silicon carbide.** 8-in. diameter. For ½, ⅝, ¾-in. shaft. Cuts cast iron, brick, concrete. *State shaft size wanted when ordering.* Shpg. wt. 8 oz. **$1.59**

C Bayflex Abrasive Wheels. Safest all-purpose grinding wheel made. Cotton felted, aluminum oxide impregnated and resinoid bonded. Replace hack saw, file, sharpening wheel or circular saw. 1-in. hole. Bushings furnished for smaller shafts.
9 A 6428—**State diameter, grit and hole size**

Diam.	Thickness	R.P.M.	Grit	Shpg. wt.	Each
6 in.	1/16 in.	10,000	120	8 oz.	$1.45
6 in.	3/32 in.	10,000	80	12 oz.	1.85
6 in.	⅛ in.	10,000	24	1 lb.	2.10
7 in.	1/16 in.	8,500	120	12 oz.	1.89
7 in.	3/32 in.	8,500	80	1 lb.	2.35
7 in.	⅛ in.	8,500	24	1 lb. 8 oz.	2.75
8 in.	1/16 in.	7,500	120	1 lb.	2.35
8 in.	3/32 in.	7,500	80	1 lb. 4 oz.	2.95
8 in.	⅛ in.	7,500	24	1 lb. 8 oz.	3.75

D CRAFTSMAN Rubber Polishing Wheel. Abrasive in rubber. Ideal for rust removal, die work, deburring, sharpening, etc. ½ in. thick; ½-in. bore. Max. speed recommended: 4-in., 3800 R.P.M., 6-in., 2500 R.P.M. Fine, medium or coarse. *State grit.*
9 A2928—4-in. Shpg. wt. 9 oz. **$1.15**
9 A2929—6-in. Wt. 1 lb. 8 oz. **1.98**

E Abrasive Discs. Aluminum oxide on paper. For wood or metal.
4-inch. Fits sanding plates up to 4 inches in diam. Pkg. of 6 (2 coarse, 2 medium, 2 fine).
9 A 2544—4 inch. Shpg. wt. 4 oz. **25c**
5-inch. Fit sanding plates from 4½ through 5 inches in diameter.
9 A 2543—5-inch. Pkg. of 6 (3 medium, and 3 fine). Shpg. wt. 4 oz. . **25c**
9 A 2542—5-inch. **Open coat grit,** for heavy or old stock removal, paint or varnish removal. Package of 3. Shipping weight 2 ounces **25c**

F 5½-inch Deluxe Cloth-Backed Pre-gummed Abrasive Discs. Pregummed; no additional adhesive required. Aluminum oxide. For wood or metal. Fits 9 A 2610 sanding plate at bottom of page, or any other 5½-inch sanding plate. Fine, medium, or coarse grit. *State grit wanted.*
9 A 2612—Pkg. of 2. Wt. 2 oz. . **29c**

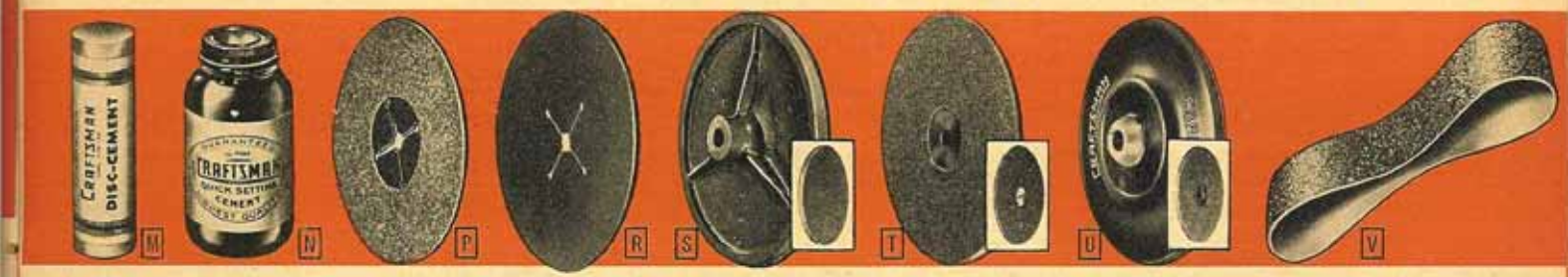
G 6-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Hole in center for easier mounting. 6-in. sanding plates, whether they take perforated or solid replacement discs. Ideal for use with flexible shaft accessories on page 18. Open coat ideal for heavy or old stock removal, for paint or varnish removal.
9 A 2532—*State grit wanted.*
Fine. Pkg. of 6. Shpg. wt. 6 oz. . **29c**
Medium. Pkg. of 6. Shpg. wt. 6 oz. **29c**
Coarse. Pkg. of 4. Shpg. wt. 6 oz. **29c**
Open Coat Coarse. Package of 3. Shipping weight 6 oz. **29c**
Assorted. Pkg. of 6 (2 fine, 2 medium, 2 coarse). Shpg. wt. 6 oz. . **29c**

H 7-inch Abrasive Discs. Aluminum oxide abrasive. For wood or metal.
9 A 2613—**7-in. Deluxe Cloth-Backed Pre-Gummed Abrasive Discs.** Fits 9 A 2611 sanding plate at bottom of page or any 7-in. sanding plate. Fine, medium or coarse grit. *State grit wanted.* Pkg. of 2. Shipping weight 3 oz. **40c**
9 A 2531—**7-inch. Aluminum Oxide on Paper Backing.** Fits our former 1725 Work Shop, 2567 Sander-Polisher or any 7-in. sanding plate. Pkg. of 6 (2 fine, 2 medium, 2 coarse). Shpg. wt. 9 oz. **49c**

J 8-inch Abrasive Discs. Aluminum oxide on paper. For use on wood or metal. Fits sanding plates 9 A 2341 and 9 A 2491 at bottom of page; also fits Sears former sander No. 2213; also fits any other 8-inch sanding plates.
9 A 2525—Pkg. Shpg. wt. 8 oz. *State grit wanted.*
Fine. Pkg. of 6 ..... **59c**
Medium. Pkg. of 6 ..... 59c
Coarse. Pkg. of 5 ..... 59c

K 9-inch Abrasive Discs. Aluminum oxide abrasive on paper. For use on wood or metal. Fits our former 2730 disc sander or 99 A 02235L sander (listed on page 18); any other 9-in. sanding plate.
9 A 2526—Pkg. Shpg. wt. 8 oz. *State grit wanted.*
Fine. Pkg. of 6 ..... **69c**
Medium. Pkg. of 6 ..... 69c
Coarse. Pkg. of 5 ..... 69c

L 10-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits Sears former Sander No. 2210 or any other 10-inch sanding plates.
9 A 2534—Pkg. Shpg. wt. 10 oz. *State grit wanted.*
Fine. Pkg. of 6 ..... **89c**
Medium. Pkg. of 6 ..... 89c
Coarse. Pkg. of 5 ..... 89c



All Sears Sanding and Abrasive Supplies are top professional quality

M Stick Disc Cement. Holds sanding discs firmly to metal or wood sanding plates. Non-drying type. Choice of 4¾ or 16-oz. sticks.
9 A 2219—4¾-oz. stick. Shpg. wt. 6 oz. **35c**
9 A 2229—16-oz. stick. Shpg. wt. 1 lb. 2 oz. . . . **75c**

N Liquid Disc Cement. Fastens abrasive discs to metal plates. Sets quickly and holds very firm. Shipping weight 1 lb. 2 oz.
9 A 2535—½-pint bottle **45c**

P 7-inch Resin-bonded Abrasive Discs. ½-inch center hole. These resin-bonded abrasive discs outlast glue-bonded discs from 2 to 2½ times! Easily worth the difference in price. Won't "soften up" under high speeds. Fine for curved surfaces. Made of aluminum oxide grit, firmly bonded to pliable fiber back. Your choice of following grits: No. 24, 36, 50 or 80. *Please be sure to state grit wanted when ordering.*
9 A 2220—Shipping wt. 5 oz. ..... Each **39c**

R 7-inch Fiber Backing Pads. Used for backing up abrasive discs for more rigidity. *Please state ½-inch center hole when ordering.*
9 A 2225—Shipping weight 4 oz. ..... Each **60c**

S Sanding Plates. Exceptionally high quality. Strongly made of cast iron. Set screw provided to lock plate securely on spindle. Plate has one abrasive disc for sanding wood, attached. Extra abrasive discs will be found listed above. *Be sure to check spindle size before ordering and order by correct catalog number.*
8-inch diameter. Fits lathe with any ⅝-in. straight unthreaded spindle.
9 A 2341—Shipping weight 2 lbs. **$3.95**
8-inch diameter. Fits lathe 99AM2307 (see page 16) or any ¾ in. x 16 right hand thread spindle.
9 A 2491—Shpg. wt. 2 lbs. 8 oz. **$4.60**

T Sanding Wheel. Available in 2 sizes: 8-in. diameter for ⅝-in. or ½-in. arbor; 10-in. diameter for ¾-in. or ⅝-in. arbor. Strongly made of steel. Fit any 8-in. or larger bench saw having ½, ⅝ or ¾-in. arbor. One medium and one coarse abrasive disc for wood, attached.
9 A 2272—*State arbor size and diam.* Wt. 4 lbs. . . **$2.49**

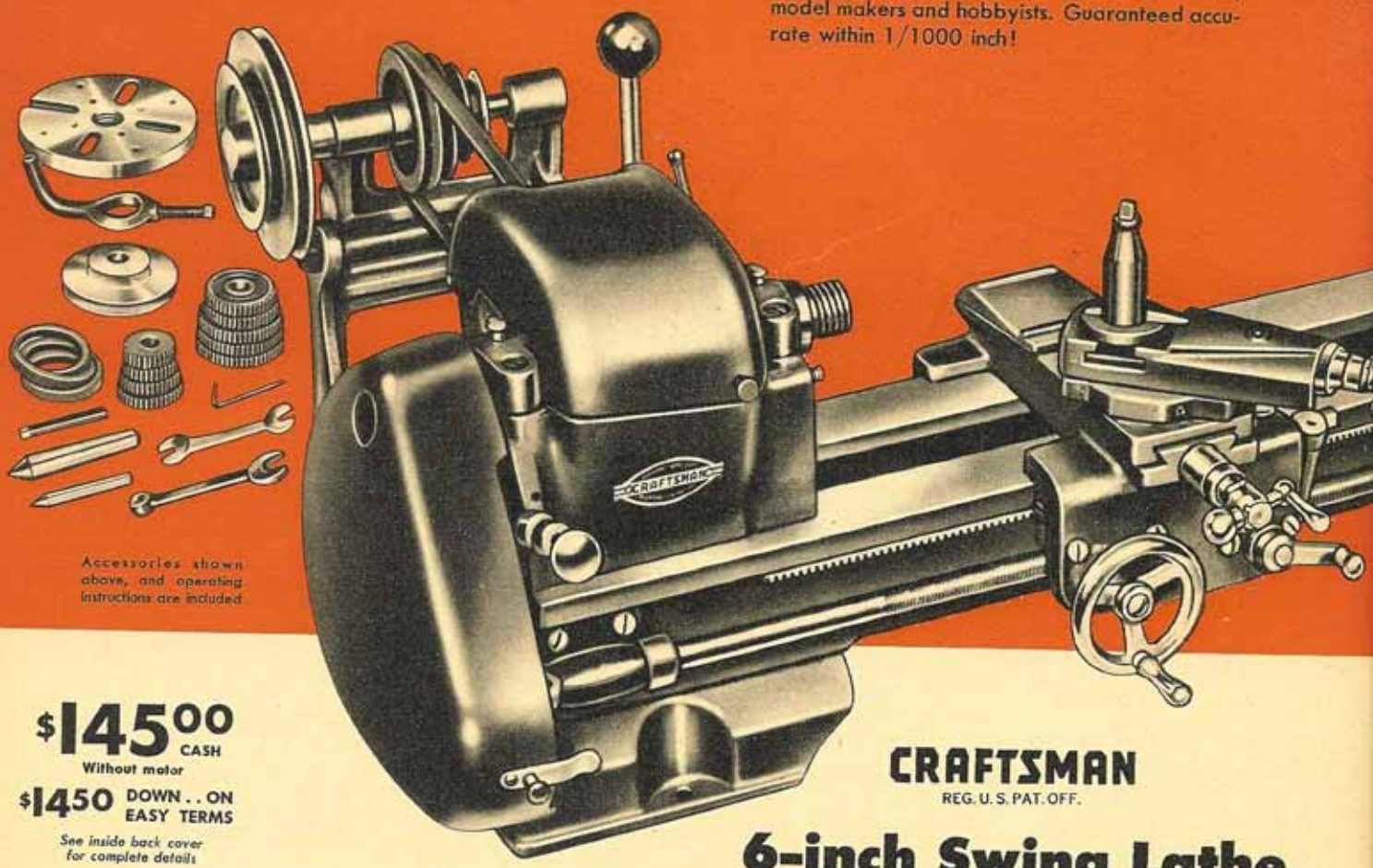
6 Replacement Sanding Discs for 9 A 2272 above. 2-in. center hole fits over any arbor. 8-in. diam. includes 2 fine, 2 med., 2 coarse; 10-in. diam. includes 2 fine, 2 med., 2 coarse. *State size.*
9 A 2273— 8-in. Shpg. wt. 10 oz. ..... Pkg. **59c**
10-in. Shpg. wt. 1 lb. 2 oz. ..... Pkg. **69c**

U Flexible Sanding Plates. These flexible sanding plates will fit flexible shafts, polishing heads, lathes, electric hand drills, etc., or any other ½-inch 20-thread spindle. One medium grit abrasive attached. For wood or metal.
5½-inch diameter. Thick, molded flexible rubber pad, with 3½-inch diameter steel insert. Center-screw in hub keeps sanding disc from shifting.
9 A 2610—Shipping weight 13 oz. **$1.29**
7-inch diameter. Thick, molded flexible rubber pad, with 4⅜-inch diameter steel insert. Hub center-screw keeps sanding disc from shifting. Takes regular 7-in. discs at top of page or resin-bonded discs at left.
9 A 2611—Shipping weight 1 lb. 5 oz. **$1.75**

V Sanding Belts. These sanding belts have exceptionally high quality throughout. Endless construction. For sanding wood or metal. Choice of fine, medium or coarse grit. *Please be sure to state grit wanted when ordering.*
9 A 2167—**6x48¾ inches.** Aluminum oxide on cloth. Fits 99A02235L sander (see page 18). Shpg. wt. 8 oz. **$1.10**
9 A 2211—**4x52½ inches.** Aluminum oxide on cloth. Fits Sears former No. 2210 sander. Shpg. wt. 10 oz. **79c**
9 A 2215—**4x36 inches.** Aluminum oxide on cloth. Fits sander 99A02236 on page 18 or Sears former No. 2213 sander. Shipping weight 4 ounces **59c**

Sears Easy Terms make it easy to equip an entire workshop. See inside back cover for details

Designed, built, and priced for tool makers, model makers and hobbyists. Guaranteed accurate within 1/1000 inch!



Accessories shown above, and operating instructions are included

$145.00 CASH
Without motor

$14.50 DOWN . . ON EASY TERMS

See inside back cover for complete details

CRAFTSMAN
REG. U. S. PAT. OFF.

6-inch Swing Lathe

A beauty of a buy! Designed, built and priced for tool makers, model makers and hobbyists. It will give you precision performance on a wide variety of jobs.

Full 6-inch swing . . . 18 inches between centers . . . 30-inch bed. Massive, one-piece, cast semi-steel bed; precision ground. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Tailstock has set-over for taper turning.

Cuts 8 to 96 threads per inch, right or left hand. Back gears give 16 speeds from 54 to 3225 R.P.M. Graduated compound rest swivels 360°. Complete with 2-step motor pulley, 4-step machine pulley, 4-step countershaft, two 60-degree centers, 3/16-in. tool bit, 9 threading gears, ½-in. lathe dog, ⅜-in. V-belt, Allen wrench, 4-in. face plate and two wrenches.

SPECIFICATIONS:

- Swing over bed . . . . . 6 inches
- Distance between centers . . . . . 18 inches
- Spindle: Nose . . . . . 1 inch x 8 thread
  Taper . . . . . No. 2 Morse
  Bore . . . . . 13/32 inch
- Spindle bearings . . 2 porous bronze; 1 ball thrust
- Thread range . . . . . 8 to 96, right or left hand
- Feeds . . . . . Four: .0024, .0039, .0048 and .0078
- Back gear ratio . . . . . approximately 6¼ to 1
- Countershaft and back gear bearings . . . . . 4 porous bronze
- Swing over carriage . . . . . 4⅛ inches
- Compound rest travel . . . . . 1¾ inches
- Cross slide travel . . . . . 4¾ inches
- Tailstock taper . . . . . No. 1 Morse
- Tailstock ram travel . . . . . 1¾ inches
- Tailstock set-over . . . . . 9/16 inch
- Motor recommended, (minimum) . . . . . ¼ H.P. 1750 R.P.M.
- Machine pulley (included) 4-step
- Motor pulley (included) 2-step
- Mounting dimensions . . . . . 4¾ x 27 15/16 inches
- Over-all dimensions: Height 10¼ inches; width 21½ inches; length 33½ inches

Comes with instructions, and accessories shown above.

99 A M2048—Without motor.
Shipping weight 102 pounds **$145.00**

Metal Lathe Manual

[A] A complete, up-to-date, illustrated manual of metal lathe operations and machinists' tables. Easy-to-follow directions on the construction of the metal lathe. An ideal book for students, apprentices, machinists and experienced lathe operators. Filled with actual photographs and pen and ink drawings. Each section separated by index tabs for convenience. Paper bound; spiral back, 234 pages. Shipping weight 11 oz.
9 A 2925 . . . . . **$1.50**

Tool Holders

Fit 99 A M2048 lathe above. Special drop forged steel, expertly heat treated and hardened.

[B] 9 A 2031—**Threading Tool.** Shpg. wt. 9 oz. . . **$4.95**

[C] 9 A 2033—**Straight Tool Holder.** No bit.
Shpg. wt. 4 oz. **$2.30**

[D] 9 A 2034—**Right Hand Tool Holder.** No bit.
Shpg. wt. 4 oz. **$2.30**

[E] 9 A 2035—**Left Hand Tool Holder.** No bit.
Shpg. wt. 4 oz. **$2.30**

[F] 9 A 2037—**Cut-off Tool.**
Shpg. wt. 7 oz. **$2.85**
9 A 2009—*Extra Cut-off blade.* Wt. 4 oz. **95c**

[G] 9 A 2036—**Knurling Tool.**
Shpg. wt. 9 oz. **$5.75**

Formed Tool Bit Set

[H] Six-piece set of 3/16-inch tool bits. High speed tool steel; ground, ready to use. Set includes threading bit, left-hand facing bit, left-hand turning bit, right-hand turning bit, right-hand facing bit, and round nose turning bit.
9 A 2043—Shpg. wt. 3 oz. **$2.20**

Tool Post Set

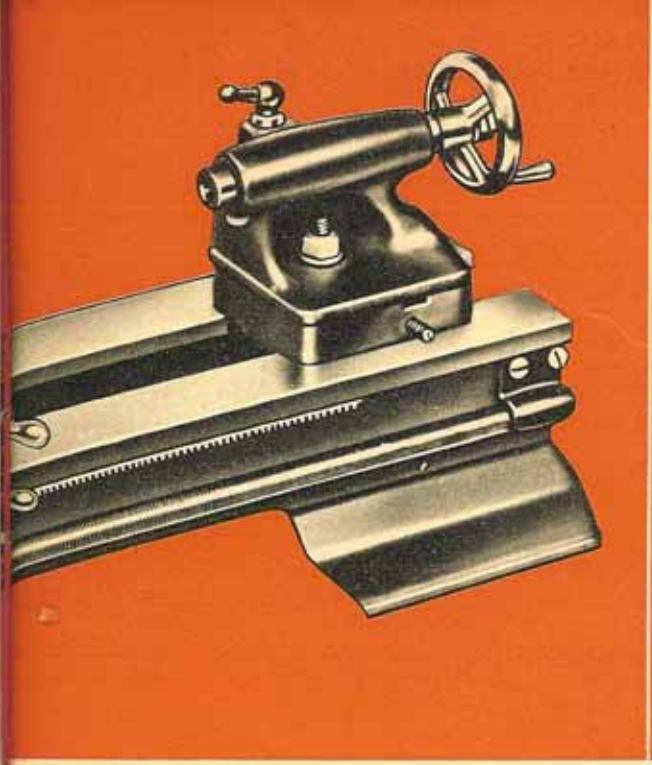
[J] High speed tool steel. Tools mount directly in tool post. Set includes 4 boring bars, internal threading tool, external threading tool, external turning tool, and set of tool post spacers for height spacing. Shipping weight 1 pound.
9 A 2038 . . . . . **$9.75**

CRAFTSMAN precision made Lathe Chucks

[K] **CRAFTSMAN 3-jaw universal type.** Self-centering, lever-operated . . . only two main parts, body and scroll. Ideal for production work. Holds tolerances to within .003 in. Steel jaws; steel body and scroll. Knurled rim. Fits the 99 A M2048 lathe above, or any 1-in.x8-thread spindle. Diameter 4 in. Two sets of jaws; one for outside, one for inside gripping. With wrench. Shipping weight 6 pounds 5 ounces.
9 A 2297 . . . . . **$27.50**

[L] **3-jaw universal type.** Jaws controlled by single screw and pinion gear . . . speedy gripping . . . self-centering . . . ideal for production work. Extra-strong semi-steel body casting. Special alloy metal scroll; alloy steel pinion. Alloy steel jaws. Fits the 99 A M2048 lathe above, or any 1-inch x 8-thread spindle. 4 inch diameter. Has two sets of jaws (outside and inside). With T-handle chuck wrench. Shipping weight 5 pounds 3 ounces.
9 A 2148 . . . . . **$33.00**

[M] **4-jaw independent type.** For average shop needs. Special alloy steel body has wide, deep jaw slots. Four reversible jaws work independently; increase usefulness when working on irregular shaped pieces. Large diameter jaw screw. Acme threaded. Fits 99 A M2048 lathe above, or any 1-in. x 8-thread spindle. Diameter 4 in. With T-handle chuck wrench; fits deep seat. Shipping weight 3 pounds 12 ounces.
9 A 2138 . . . . . **$9.50**



Accessories for CRAFTSMAN 6-inch Swing Lathe . . make it more useful

A **Spur Centers.** Use for wood turning.
9 A 2106—No. 1 Morse taper shank. Shipping weight 4 oz..... **$1.10**
9 A 2107—No. 2 Morse taper shank. Shipping weight 7 oz..... **1.20**

B **Screw Centers.** For facing and hollowing operations. Replaceable center.
9 A 2116—No. 1 Morse taper shank. Shipping weight 12 oz..... **$1.65**
9 A 2115—No. 2 Morse taper shank. Shipping weight 14 oz..... **1.70**

C **60-degree Centers.** For metal turning.
9 A 2110—No. 1 Morse taper shank. Shipping weight 3 oz..... **90c**
9 A 2111—No. 2 Morse taper shank. Shipping weight 7 oz..... **$1.00**

D **Precision ball bearing 60-degree Center.** (Center point rotates on ball bearing.) For high speed operations.
9 A 2112—No. 1 Morse taper shank. Shipping weight 8 oz..... **$2.90**
9 A 2113—No. 2 Morse taper shank. Shipping weight 10 oz..... **2.90**

E **Tailstock Cup Centers.** Supports work in tailstock. Replaceable center point.
9 A 2100—No. 1 Morse taper shank. Shpg. wt. 3 oz..... **$1.10**
9 A 2101—No. 2 Morse taper shank. Shpg. wt. 7 oz..... **1.20**

F **High Speed Center Drill.** Choice of ⅛-in. size (5/16 in. body) or 7/64-in. size (¼-in. body). *State size.*
9 A 2060—Shpg. wt. 1 oz.... **85c**

G **Adapter Sleeve.** No. 2 Morse taper reduces to No. 1 Morse taper. Shpg. wt. 5 oz.
9 A 2161..... **$1.95**

H **Face Plate.** Use for driving lathe dog and work for wood turning. 4-in. diameter. For use on 99AM2048 lathe (on opposite page) and other lathes with 1-in. 8-thread spindle.
9 A 2470—Shpg. wt. 3 lbs.. **$3.25**

J **Work Arbor.** For mounting chucks and holding grinding, buffing and wire scratch wheels, etc. ½-in. x 20-thread. 2 steel flanges with nut on head end for clamping wheels. Morse taper shank.
9 A 2152—No. 2 Morse taper shank. Shipping weight 11 ounces..... **$1.20**
9 A 2153—No. 1 Morse taper shank. Shipping weight 9 ounces..... **1.15**

K **Work Arbor with Chuck.** 3-jaw, screw-on type chuck, tapped ½-in. x 20-thread; ½-in. capacity. Work arbor has Morse taper on shank end.
9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces..... **$2.00**
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces..... **2.00**

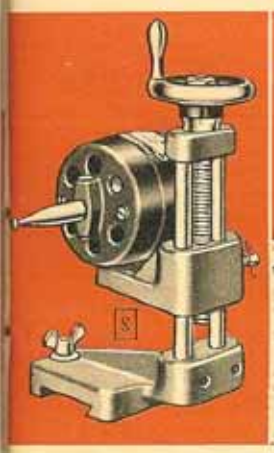
L **Reversing Switch.** Reverses motor and spindle direction in grinding, polishing, tapping, wood or metal finishing. Not for repulsion-induction motors.
9 A 2982—Shipping weight 1 lb. 9 oz..... **$5.75**

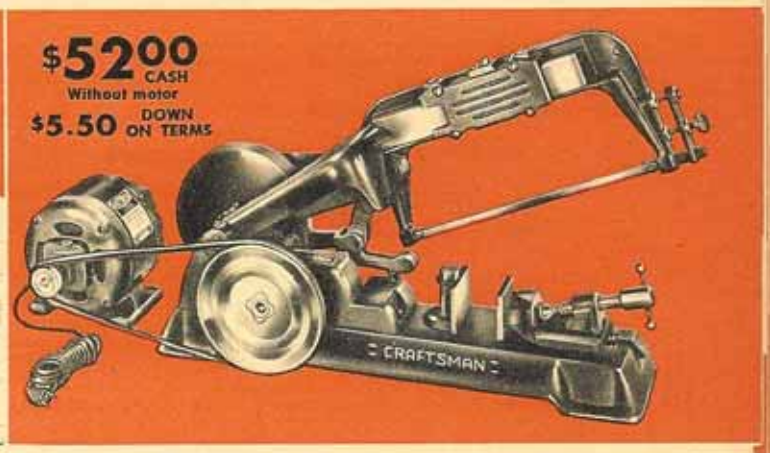
M **Steady Rest.** Base clamps securely to bed ways. Gives added support needed when turning long pieces. Handles diameters up to 2⅜ inches.
9 A 2041—Shipping weight 3 lbs. 4 oz..... **$7.50**

N **Holding Collet.** This attachment fits in the headstock spindle; will hold threaded-hole angular milling cutters, keyway cutters and ½-inch end mills. Shipping weight 1 lb. 10 oz.
9 A 2059..... **$8.50**

P **Milling Attachment.** Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 inches; vertical feed 1¾ inches. Graduated angular swivel. Shipping weight 8 lbs. 12 oz.
9 A 2057..... **$25.00**

R **Follower Rest.** Mounts on back of carriage dovetail slide . . . moves with cutting tool to provide support needed to prevent deflection when turning long, slender work. Shipping weight 1 pound 9 ounces.
9 A 2042..... **$5.45**





Accessories for 6-inch Swing Lathe

S **Mica Undercutter.** For reconditioning armatures. Mounts on carriage cross slide. With 110–120 volt 25–60 cycle A.C. or D.C. motor, cord, switch, and 5 high speed saws (.015, .020, .025, .030, .035 in.).
9 A 1518F—Shipping wt. 9 lbs..... **$47.50**
9 A 1519F—Set of 10 High Speed Saws. 2 of each of above. Shpg. wt. 2 oz.... **$5.00**

T **Boring Tool Holder.** With clamp ring, V-block, plain block, and ¼-in. high speed boring tool. Slots hold boring tools of 3/16, ¼, 5/16 and ⅜-in. diameter.
9 A 1515F—Shipping wt. 1 lb..... **$4.95**

Accessories S, T, U, V, W, X, shipped from factory in southern Michigan. You pay transportation from mail order house.

U **Taper Attachment.** Slotted draw bar connects to carriage cross slide and feeds tool at desired taper. Index plate graduated 7° and 3 in. both sides of center line. Maximum travel, one setting, 7¾ in. Range, right or left, 7° (2 13/16 in. per foot).
9 A 1516F—Shpg. wt. 4 lbs. 8 oz..... **$27.00**

V **Clamp Dog.** Handles square, rectangular, hexagonal, round work. Jaws open 2¼ in.
9 A 1512F—Shipping wt. 1 lb..... **$5.95**

W **Cross Slide Stop.** Clamps to cross slide dovetail for making duplicate cuts.
9 A 1517F—Shipping wt. 8 oz..... **$4.50**

X **Carriage Stop.** Clamps to bedway of 6-in. and 12-in. lathes.
9 A 2185F—Shipping wt. 1 lb..... **$6.25**

CRAFTSMAN "80" Power Hack Saw

Cuts accurately unattended! Draw-cut type; automatic relieving mechanism lifts blade from work on back stroke. Saws iron, steel, brass, aluminum, etc. 5-in. stroke; 60 strokes per minute, at 400 R.P.M. Heavy cast iron vise; quick locking. Cast semi-steel slide and arm. Cone type arm pivot; adjustable. Takes any standard 12-inch power hack saw blade (one included).

SPECIFICATIONS:

- Capacity, maximum ..... 4x4 inches
- Angle cuts ..... 90 to 45 degrees
- Bearings ..... porous bronze
- Machine pulley (included).... 6½-in.
- Motor pulley (not included).. 1½-inch
- Motor recommended, min. ⅓ H.P.
- Base size..... 6x24 inches
- Mounting dimensions... 5½x19⅜ in.

99 A 02294L—Without motor, motor pulley, or V-belt. Shpg. wt. 57 lbs.. **$52.00**
99 A T2282L—With ⅓-H.P. 1750 R.P.M. split phase bronze bearing motor for 110–120 volt 60-cycle AC; 1½-in. motor pulley, ½-in. V-belt. Wt. 82 lbs. **$67.00**

CRAFTSMAN 12-inch Power Hack Saw Blades. Special tool steel. ⅝-in. wide. 14 or 18 teeth per inch. *State teeth per inch.*
9 A 6582—Shipping weight 3 ounces. . . **2 for $1.25**

Equipped with Timken Roller Bearings Guaranteed Accurate to 1/1000 inch

A $260.00 CASH
99 A M2075
$26.00 DOWN

234-page Manual of Lathe Operation is included with these Metal Turning Lathes

Famous TIMKEN tapered roller bearings... maintain spindle alignment absorb thrust, assure smooth operation. Particularly desirable for high speed on production work

Our Finest . . CRAFTSMAN Metal Lathe

A This back-geared, screw cutting CRAFTSMAN Lathe is by far the finest we have ever sold. It cuts accurately to within 1/1000 inch even after years of service. Built to meet the requirements of master craftsmen.

Two more very important features: (1) Reversible power cross feed makes facing work faster and easier. (2) Hinged guards completely cover headstock and motor drive pulleys for utmost safety. Husky back gears make slow speeds and extra power available for heavy cuts. Headstock has indexing device so work can be evenly divided or fluted. Countershaft is part of lathe; complete with motor mounting. Reinforced cast semi-steel bed; precision ground ways. Tailstock has center ejector and coordinate ram lock. V-belt drive has adjustable belt tension and release lever. Heavy semi-steel carriage has adjustable gibs and longitudinal feed. Threading dial supplied. Cuts metric and standard threads. Compound rest swivels, locks at any angle; one-degree graduations from 0 to 180°. With tool post wrench, threading gears, 2 centers, Allen wrench, motor pulley, belt, 234-page illustrated lathe manual.

99 A M2075—Lathe only. 24 in. between centers, 45 in. long. Wt. 285 lbs. . **$260.00**

99 A M2743—Same as 99AM2075 above, but with quick-change gear attachment (listed below). Shipping weight 300 pounds **330.00**

99 A M2079—Lathe only. 36 in. between centers; 57 in. long. Wt. 300 lbs. . . . **290.00**

99 A M2744—Same as 99AM2079 above, but with quick-change gear attachment (listed below). Shipping weight 315 pounds **360.00**

B **Quick-Change Gear Attachment.** Fits CRAFTSMAN lathes with model numbers 101.07360; 101.07361; 101.07362; 101.07363; 101.07380; 101.07381; 101.07382; 101.07383; 101.07400; 101.07401; 101.07402; 101.07403. Replaces gear change assembly; gear box bolts to bed, and support bracket to countershaft bracket bolt. Provides instant selection of 54 threads or feeds; between .0042 and .250 in. per revolution of spindle, and all threads right or left hand from 4 to 240 in the following standards: National Coarse (USS), National Fine (SAE), Acme, Square and Whitworth. Mounts quickly, no drilling or tapping necessary.
99 A 02014K—Shipping weight 38 pounds **$81.50**

SPECIFICATIONS

	99 A M2075	99 A M2079
• Swing over bed	12¼ inches	12¼ inches
• Distance between centers	24 inches	36 inches
• Spindle, Nose size	1½ in.; 8-thread	1½ in.; 8-thread
Taper	No. 2 Morse	No. 2 Morse
Bore	29/32 inch	29/32 inch
• Spindle bearing	2 Timken roller	2 Timken roller
• Thread range	4 to 96 Right hand or left hand	4 to 96 Right hand or left hand
• Feeds	Five: .0024; .0035; .005; .0071; and .0087	
• Back gear ratio	Approx. 6 to 1	Approx. 6 to 1
• Countershaft and back gear bearing	4 porous bronze	4 porous bronze
• Swing over carriage	8⅝ inches	8⅝ inches
• Compound rest travel	2 9/16 inches	2 9/16 inches
• Cross feed	Reversible, power feed	Reversible, power feed
• Tailstock taper	No. 2 Morse taper	No. 2 Morse taper
• Tailstock set over	¾ inch	¾ inch
• Machine pulley (included)	6-inch 4-step	6-inch 4-step
• Motor pulley (included)	4½-inch 2-step	4½-inch 2-step
• Speeds (sixteen)	28 to 2072 R.P.M.	28 to 2072 R.P.M.
• Motor recommended (minimum)	⅓-H.P. 1750 R.P.M.	⅓-H.P. 1750 R.P.M.
• Overall dimensions	Height 20 inches Width 25½ inches Length 45 inches	20 inches 25½ inches 57 inches

Tool Holders. Steel forgings. Shanks ¾ in. high; ⅜ inch wide.
[C] 9 A 2194—**Offset, Left,** Wt. 10 oz. . . **$2.40**
[D] 9 A 2198—**Threading.** Wt. 10 oz. . . . $4.98
[E] 9 A 2192—**Offset, right.** Wt. 10 oz. . . . 2.40
[F] 9 A 2200—**Cut-off.** Shpg. wt. 10 oz. . 3.15
[G] 9 A 2196—**Straight.** Shpg. wt. 10 oz. 2.40
9 A 2238—**Extra blade.** Shpg. wt. 4 oz. . 90c
[H] 9 A 2202—**Knurling tool.** Wt. 10 oz. . 5.95

J **Six Formed Tool Bits.** ¼-in. Fit holders above. Threading, left hand facing, right hand facing, round nose turning, right hand turning and left hand turning bits.
9 A 2205—Shpg. wt. 5 oz. **$2.25**

K **5-pc. Carbide-tipped Tool Bit Set.** ¼-in. size, 60° thread bit, general-purpose bit, left and right hand lead angle bits, broad-nose bit. For lathes above. In plastic box.
9 A 2252—Shpg. wt. 4 oz. **$4.95**

L **Tool Post Set.** Includes 4 boring tools (3/16, ¼, 5/16 and ⅜ in.); ¼-inch inside threading tool; ⅜-in. turning tool; ⅜-in. threading tool; set of tool post spacers.
9 A 2189—Shpg. wt. 1 lb. 1 oz. **$10.50**

M **Face Plates.** Excellent for work which cannot be machined on center or in chuck and must be turned on spindle with face plate.
For lathe with 1½-in. 8-thread spindle.
9 A 2471—4-in. Shpg. wt. 3 lbs. **$3.25**
9 A 2475—8-in. Shpg. wt. 6 lbs. 5.75
For lathes with 1-in. 8-thread spindle.
9 A 2470—4-in. Shpg. wt. 3 lbs. **$3.25**
For lathes with ¾-in. 16-thread spindle.
9 A 2473—8-in. Shpg. wt. 6 lbs. **$5.25**

N **Lathe Dog.** Malleable iron. ½, ¾, 1 or 1½ in. size. **State size wanted.**
9 A 2078—Shpg. wt. 14 oz. **50c**

P **Lathe Dog.** Forged steel. Heat treated set screw. Shpg. wt. each 1 lb.
9 A 2183—**State size wanted.**
½-in. . . . . **$1.00** 1-in. **$1.45**
¾-in. . . . . $1.25 1½-in. $1.60

R **Mica Undercutter.** Screw feed regulates height of cutter. Carriage feed moves cutter into commutator slot. Motor, switch cord, set of 5 undercutting saws. 110–120-volt, 25–60 cycle AC-DC. Wt. 11 lbs.
9 A 2989 . . . . . **$47.50**

9 A 1519F—**Set of 10 High Speed Saws.** For use with 9 A 2989 at left below. Shipped from factory in Southern Michigan . . pay postage from there. Shpg. wt. 2 oz. . . . **$5.00**

S **Spur Center.** Use for wood turning. No. 2 Morse taper.
9 A 2107—Shpg. wt. 7 oz. **$1.20**

T **Screw Center.** Use for facing and hollowing. Replaceable center. No. 2 Morse taper.
9 A 2115—Shpg. wt. 14 oz. **$1.70**

U **60-degree Center.** Precision ground. No. 2 Morse taper.
9 A 2111—Shpg. wt. 7 oz. **$1.00**

V **Precision ball bearing 60-degree Center.** For high speeds. Center point rotates on ball bearing. No. 2 Morse taper.
9 A 2113—Shpg. wt. 10 oz. **$2.90**

W **Tailstock Cup Center.** Supports work. Ground and hardened steel. Replaceable center point. No. 2 Morse taper.
9 A 2101—Shpg. wt. 7 oz. **$1.20**

X **High Speed Center Drill.** Choice of ⅛-in. size (⅜-in. body) or 7/64-in. size (¼-in. body). *State size.*
9 A 2060—Shpg. wt. 1 oz. **85c**

Y **Crotch Center.** Centers round work in tailstock for cross drilling. V-slot is precision machined. No. 2 Morse taper.
9 A 2114—Shpg. wt. 1 lb. **$1.70**

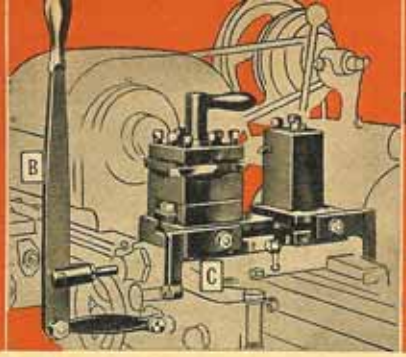
Z **Work Arbor with Chuck.** 3-jaw; tapped ½-in. x 20-thread. ½-in. capacity. No. 2 Morse taper.
9 A 2247—Shpg. wt. 1 lb. 8 oz. . **$2.00**

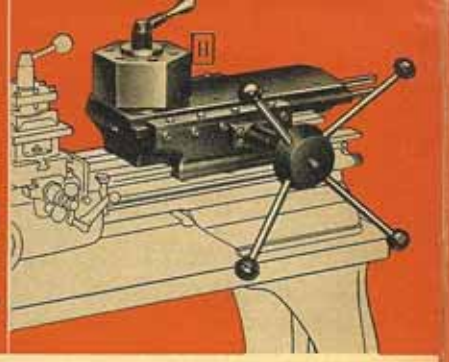
AA **Drill Pad.** Used in tailstock for support when drilling flat or square work. Diameter of face is 3⅛ in. No. 2 Morse taper.
9 A 2187—Shpg. wt. 1 lb. 2 oz. **$1.75**

BB **Work Arbor.** ½-inch x 20-thread. No. 2 Morse taper. For mounting grinding and polishing wheels.
9 A 2152—Shpg. wt. 11 oz. **$1.20**

CC **Adapter Sleeve.** To reduce from No. 2 to No. 1 Morse taper.
9 A 2161—Shpg. wt. 5 oz. **$1.95**

Accessories shown on these two pages can be used on above Lathe, and also on our previous models 2065, 2067, 2069, 2071, 2073 and 2077





Sturdy Lathe Mount

A CRAFTSMAN Lathe Table. Designed for CRAFTSMAN 12-inch Lathes. Measured work height for less fatigue. Legs are heavy gray cast iron, thickly ribbed and cross-braced for extra strength. Thick, sturdy table top made from thoroughly seasoned, shellacked, and varnished hardwood. Lathe mounts with each lathe leg directly over a floor leg. Legs can be securely anchored to workshop floor. Large bottom board is convenient for holding tools and accessories. Over-all height 33⅝ in. Shipped freight, truck or express. (See shipping notice at right.)
99 A M1598F—Lathe Table for CRAFTSMAN 12-in. Metal Turning Lathes 99AM2075 and 99AM2743 (listed and described on facing page). Fits lathe 45 in. long. Shpg. wt. 166 lbs. . . **$53.50**
99 A M1599F—Lathe Table for CRAFTSMAN Metal Turning Lathes 99 A M2079 and 99 A M2744 (listed and described on facing page). Fits lathe 57 in. long. Shpg. wt. 176 lbs. . . **$57.50**

Convert your 12-inch Lathe to a Turret Lathe!

B CRAFTSMAN Feed Lever. For use on CRAFTSMAN 12-inch Metal Turning Lathes listed on facing page. Helps cut operating costs . . . speeds up all cross-carriage turret action. Install in place of standard screw feed. Complete with connections. (See shipping notice below.) Shipping weight 8 pounds.
9 A 1587F. **$14.00**

C CRAFTSMAN Turret Assembly. For CRAFTSMAN Metal Turning Lathes listed on facing page. Consists of Four-Way Tool Post Turret 9 A 1589F and Back Slide Tool Post 9 A 1590F, mounted on Double Tool Cross Slide 9 A 1588F (sold separately at right). Operated by standard hand feed or power cross feed of lathe. Turret heads place each tool in any one of 4 operating positions instantly. Back Slide Tool Post permits a fifth position. Depth of cuts controlled by adjustable stops. We recommend 9 A 1591F "Multi-Stop" Attachment (not included—see at right) for gauging length of cut. (See shipping notice below.) Shipping weight 28 pounds.
99 A 1585KF. **$90.00**

D CRAFTSMAN Back Slide Tool Post only. Permits a fifth position, when used with 9 A 1589F Four-Way Turret below. Tool posts take ⅜-in. cutter bits (not included). (See shipping notice below.)
9 A 1590F—Shipping wt. 5 lbs. **$13.75**

E CRAFTSMAN Four-Way Tool Post Turret only. Can be released by convenient lock handle, and rotated quickly and easily to any one of four operating positions, automatically indexed. (Shpg. notice below.)
9 A 1589F—Shpg. wt. 9 lbs. **$48.50**

F CRAFTSMAN Double Tool Cross Slide only. Replaces standard compound rest assembly; adapts turret to carriage cross slide dovetails. Adjustable stops at front and back; may be set to indicate correct depth of cut. (Shpg. notice below.)
9 A 1588F—Shpg. wt. 10 lbs. **$29.50**

G CRAFTSMAN "Multi-Stop" Attachment. For use on CRAFTSMAN 12-inch Metal Turning Lathes listed on facing page. For gauging length of each cut quickly. Mounts on front bedway near headstock. With mounting bracket and screws. (See shipping notice below.)
9 A 1591F—Shpg. wt. 3 lbs. **$21.50**

H CRAFTSMAN Heavy Duty Bed Turret. For CRAFTSMAN metal turning lathes on facing page. Six different tool positions, 6½-in. working travel, 4-in. tool clearance over ram, and 2½-in. minimum working stroke give you extra-large capacity for larger pieces. Bed and ram are extra-heavy, gray iron castings; provide the rigidity needed for taking heavy cuts. For long work, stock up to ¾ in. wide can be passed through turret head. Precision-ground ways; ¾x⅜-in. thick; both sides gibbed for take-up. Head indexes automatically clockwise; may be moved in either direction; lock handle stays in position, will not work loose. Speed wrench included. (See shipping notice below.)

99 A M1595F—With head finish bored for 1-inch tool shanks (installed on CRAFTSMAN 12-inch metal lathe when ordered from factory).
Shipping weight 110 lbs. **$250.00**

99 A M1586F—With head rough bored to ⅞-in. (Head must be finish bored on lathe with which it is to be used.)
Shipping weight 110 pounds. **$250.00**

***SHIPPING NOTICE:** All items suffixed with "F" are shipped from factory in Michigan.*

J Holding Collet. For use on straight shank milling cutters. With 2 arbors; one to take threaded hole angular cutters, etc. Hand wheel. Shpg. wt. 2 lbs. 8 oz.
9 A 2994. . . . . **$8.95**
9 A 2985—4 bushings for use with ¾, 5/16, ⅜, and 7/16 in. end mills.
Wt. 4 oz. **$2.60**

K Taper Attachment. Eliminates moving tailstock out of alignment. Cuts duplicate tapers on pieces of different lengths. Does internal boring and external work. Index plate is graduated 7° and 3 in. both sides of center line; equals 2 13/16-in. taper per foot. Shpg. wt. 11 lbs.
9 A 2984. . . . . **$28.50**

L Universal Tool Post Grinder. Mounts on tool post slide of compound rest. 2 speeds: 2900 and 9100 R.P.M. With ¼-H.P., 3450 R.P.M. motor (110-volt, 60-cycle A.C.), external and internal grinding wheels, quill, diamond wheel dresser. (See shipping notice above.) Shipping weight 60 lbs.
99 A 2998LF. . . . **$89.00**

Grinding Wheels (not shown) for Universal Tool Post Grinder 99A2998LF at left. Medium grit. (See shipping notice above.)
9 A 1501F—External Wheel for steel.
⅜-in. thick; 4-in. diam. Shpg. wt. 1 lb. **$2.65**
9 A 1502F—External Wheel for cast iron.
⅜ in. thick. 4-in. diam. Shpg. wt. 1 lb. **2.65**
9 A 1503F—Internal Wheel. Grind to depth of 2⅜-in. ¾-in. diam. Wt. 2 oz. **1.15**
9 A 1504F—Internal Wheel. Grind to depth of 2⅜-in. ½-in. diam. Wt. 3 oz. **1.15**
9 A 1505F—Internal Wheel. Grind to depth of 2⅜-in. ¾-in. diam. Wt. 3 oz. **1.20**
9 A 1506F—Internal Wheel. Grind to depth of 2⅜-in. 1-in. diam. Wt. 3 oz. . **1.35**

M Reversing Switch. Not for repulsion-induction motors. For 99AM2048, page 22; 99AM2075 and 99AM2079 on facing page.
9 A 2982—Shipping wt. 1 lb. 9 oz. **$5.75**

N Follower Rest. Mounts on back of carriage slide; provides support for accuracy on long work.
9 A 2988—Shipping wt. 3 lbs. 4 oz. **$6.75**

P Steady Rest. Clamps to bed ways. Gives needed support for turning long pieces. Handles diameter to 2⅝-in. Complete with extra jaws.
9 A 2050—Shipping wt. 6 lbs. 6 oz. **$9.95**

R Milling Attachment. Has graduated swivel vise, flat block and V-block for cylindrical work. Vise capacity 2⅝-in. Vertical feed 3¾-in.
99 A 02987—Shipping weight 17 lbs. **$31.50**

S Angular Type Milling Cutters. Use with adapters supplied with 9A2994 (above). 9 A 2995F—Shpg. wt. 3 oz. **State size.**

Diameter	Thickness	Hole Size	Price
1¼ in.	7/16 in.	⅜ in.	$7.25
1⅜ in.	9/16 in.	½ in.	8.25

T Wood-ruff Keyway Cutters. ½-in. shank. Shpg. wt. each 4 oz. **State size.**

Diameter	Thickness	9 A 2996F
½ in.	⅛ in.	$3.75
¾ in.	3/16 in.	4.10
1 in.	¼ in.	5.10
1⅛ in.	5/16 in.	6.00
1¼ in.	⅜ in.	6.75

U R. H. Cut, R. H. Spiral End Mills. Use with 9A2994 and 9A2985 (above). Shpg. wt. each 3 oz. **State size.**

Diameter	Flute	9 A 2997F
¼ in.	⅝ in.	$2.95
5/16 in.	11/16 in.	3.15
⅜ in.	¾ in.	3.35
7/16 in.	⅞ in.	3.55
½ in.	15/16 in.	3.90

(Shpg. notice above).

V CRAFTSMAN Tailstock Turret. For lathes on facing page. Semi-automatic indexing head has six ¾-in. holes for tool holders; each permits separate operation. Turret head unlocks by moving quick-acting hand-feed lever to extreme right so next tool may be positioned accurately and quickly. Turret head locks in position . . indexes automatically by 6 adjustable stop screws. Turret travel 3 7/16 in.
99 A M1593F—¾-in. finish bored. With special tailstock, lever feed, stops. (Shpg. notice above.) Wt. 39 lbs. . . **$85.00**
99 A M1594F—Unbored. With special tailstock, lever feed, stops. (See shipping notice above.). Shpg. wt. 39 lbs. **$78.00**

W Angle Plate. Simplifies off-center work and machining of odd-shaped pieces. Bolt to face plate. Horizontal face 6x4¾x⅜ in.; vertical face 6x2⅝x⅝. Wt. 10 lbs.
9 A 1509F—(Shpg. notice above) **$7.75**

X Clamp-type Dog. For holding square, rectangular, hexagonal, or round work. Opens to 2¼-in. (Shpg. notice above.)
9 A 1512F—Shpg. wt. 1 lb. **$5.95**

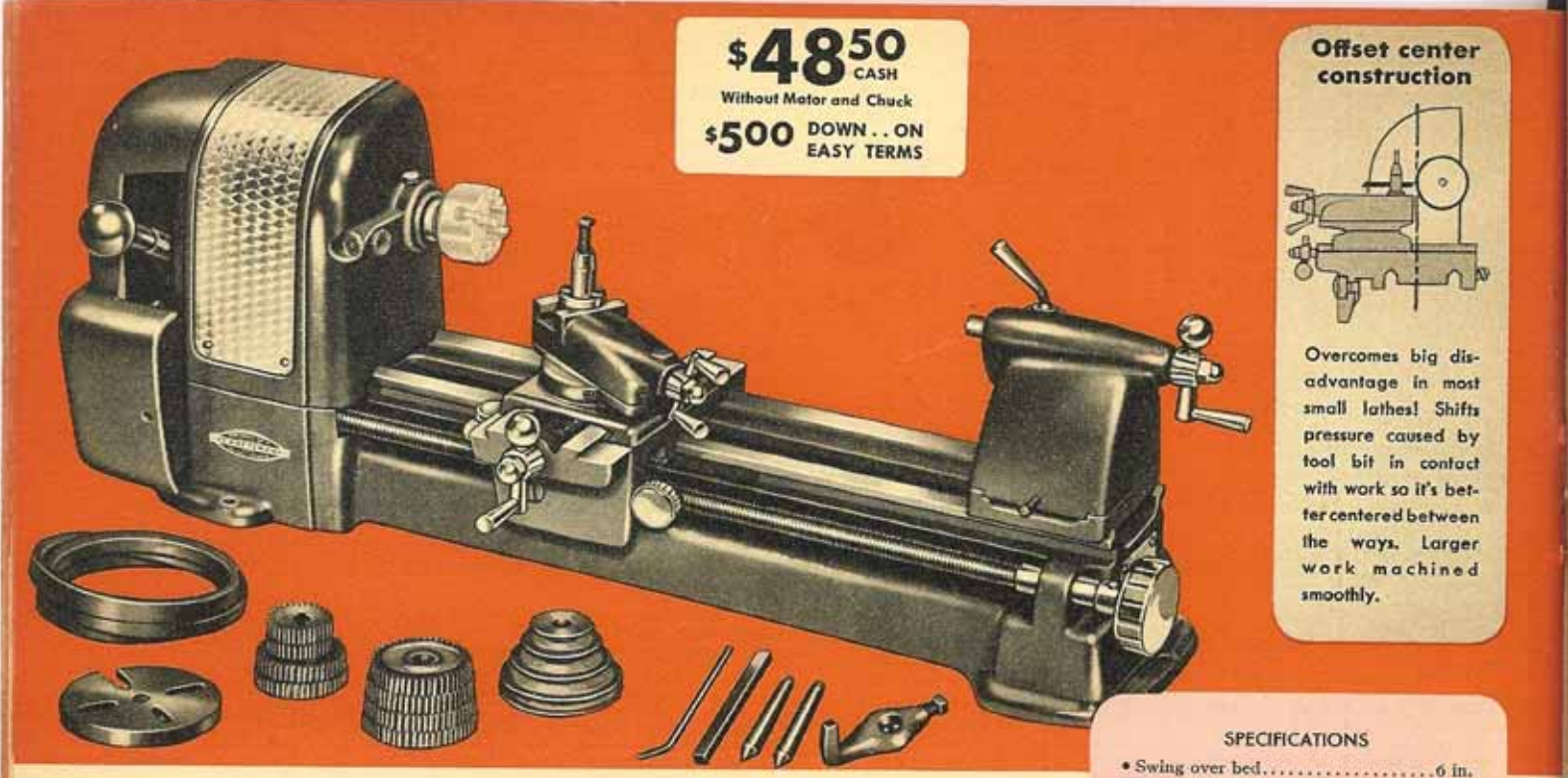
Y Draw-in Collet Chuck Attachment. For extreme accuracy in chucking work from 1/32 to ½-in. diam. Use for making precision tools, instruments, etc. Consists of hollow draw-in spindle with hand-wheel control, tapered closing sleeve. Rods pass through lathe spindle; hand-wheel releases or tightens collet on work. Lathe must be stopped to open and close collet. Split holding collet not included (see below). (Shpg. notice above.)
9 A 1507F—Shipping wt. 3 lbs. **$24.50**
9 A 1508F—Split Holding Collet. For round work. Diam. 1/32 to ½-in. by 32nds. State diam. (Shpg. notice above.) Wt. 4 oz. **$4.50**

Z Boring Tool Holder. With clamp ring (1¾-in. outside diam. 1 1/16 in. inside diam.) V-block; plain block; one ¼-in. high-speed boring tool. Clamp ring has 3 slots to hold 3/16, ¼, 5/16, ⅜-in. diam. tools. Shpg. wt. 1 lb.
9 A 1511F—(Shpg. notice above) **$5.25**

AA Cross Slide Stop. Shows depth to stop cross-feed. Will not automatically stop cross feed. Clamps to cross slide dovetail (listed above). (See shipping notice above.)
9 A 1510F—Shpg. wt. 8 oz. **$4.50**

BB CRAFTSMAN Lever-type Tailstock. For use on CRAFTSMAN Metal Turning Lathes 99AM2075, 99AM-2743, 99AM2079, and 99AM2744 listed and described on facing page. Speeds up any single production operation from tailstock of lathe. Convenient hand-feed lever advances ram to work instantly. Depth of cut accurately controlled by adjusting stop collar. Travel of ram, 3⅝ inches. Diameter of ram, 1⅛ inches. Ram bored for No. 2 Morse taper. Ram graduation: 0 to 3 inches by 16ths of an inch. Set-over, forward or back, ¾ inch. Shipped from factory in central Michigan. See shipping notice above. Shipping weight 29 pounds.
99 A 1592KF. **$38.00**

99 A M1593F and 99 A M1594F by freight, express or truck.



$48.50 CASH
Without Motor and Chuck
$5.00 DOWN . . ON EASY TERMS

Offset center construction

Overcomes big disadvantage in most small lathes! Shifts pressure caused by tool bit in contact with work so it's better centered between the ways. Larger work machined smoothly.

CRAFTSMAN "80" Metal Lathe

REG. U. S. PAT. OFF.

Only Sears offers you a back-geared, screw-cutting lathe at anywhere near this low price

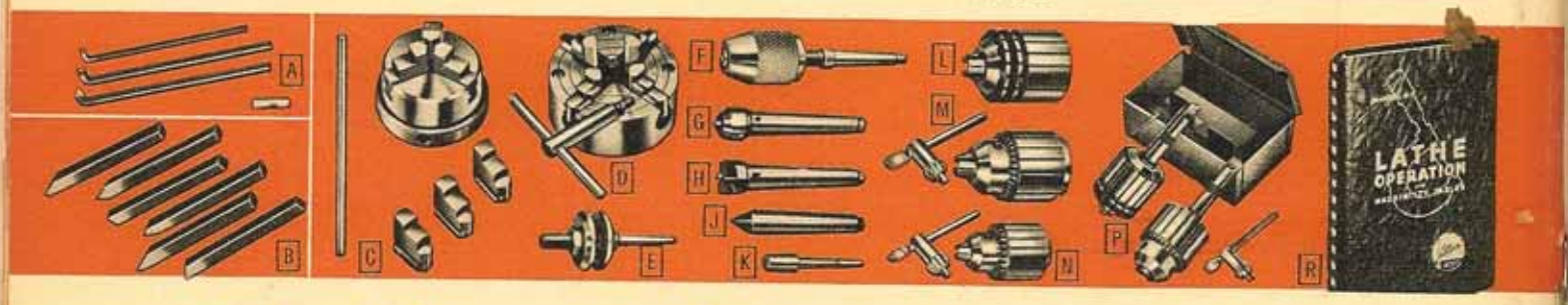
There's no other metal turning lathe like it! A rugged back-geared, screw-cutting lathe! Much smoother, more accurate than is ordinarily possible with lathes of this size. Designed for precision work such as turning armatures, model making, experimental work, tool room work, and scores of other small jobs.

Offset center construction . . . increases capacity of lathe . . . gives greater support to compound . . . keeps pressure of work on tool bit between the ways; helps you when handling larger work. Centers offset 9/16-in. back of bed center line. **Back gears** give slow speed and greater power needed to machine a variety of metals. Speed range also permits wood and plastic turning. Smooth adjusting compound swivel operates on precision machined, V-way bed. Spring tension on threaded dial assembly gives positive contact at all times. End play eliminated! Compound rest and cross-feed are accurately gibbed for wear takeup. Headstock has double bearings of porous bronze; adjustable front bearing. Hardened, ground steel spindle threaded ½-in. x 20-thread. Forward and reverse lever-locking plunger; spring operated. Removable No. 0 Morse taper centers. Tailstock may be set over for turning tapers.

Complete with accessories shown above, including two 60-degree centers, ¼-inch tool bit, Allen wrench, ½-inch lathe dog, 4-inch face plate, 8 threading gears, motor pulley, machine pulley, and ⅜x36-in. V-belt. Motor not included. We recommend using at least a ¼-H.P. 1750 R.P.M. motor, like 99A01974K on page 46. *Only $5.00 down on Sears Easy Payment Plan.* Shpg. wt. 61 lbs.
99 A 02127L—Less motor and chuck **$48.50**

SPECIFICATIONS

- Swing over bed . . . . . 6 in.
- Distance between centers . . . . . 12⅜ in.
- Spindle: Nose size . . . . ½-in. x 20-thread
  Taper . . . . . No. 0 Morse
  Bore . . . . . ¾-inch
- Bearings . . . . . 2 porous bronze
- Thread range . . 8 to 96-right or left hand
- Feeds . . . . . .0024, .0039, .0048, .0078
- Back gear ratio . . . . . 5 to 1
- Compound rest travel . . . . . 1¾ in.
- Cross slide travel . . . . . 2¾ in.
- Tailstock ram travel . . . . . 1¾ in.
- Tailstock set over . . . . . ¼-in.
- Motor recommended (min.) . . . . . ¼ H.P. 1750 R.P.M.
- Machine pulley (included) 3-step "V" type
- Motor pulley (included) . . 4-step "V" type
- Speeds . . . . . Six: 120 to 1325 R.P.M.
- Mounting dimensions . . . . 21 7/16 x 5 3/16 in.
- Overall dimensions . . . . 10¼x9½x26¾ in.



High quality Accessories to increase the usefulness of above lathe

A 4-pc. Tool Post Set. Includes: ¼ and 3/16-in. boring tools; ¼-in. threading tool; and stiffening block. Tools set on rocker in tool post with stiffening block over the top. Use with 99 A 02127L lathe. Shipping weight 4 oz.
9 A 2008 . . . . . **$4.75**

B 6-piece Formed Tool Bit Set. ¼-in. size. High speed steel. Includes threading bit, left hand and right hand facing bits, left hand and right hand turning bits and round nose turning bit. Wt. 5 oz.
9 A 2205 . . . Set **$2.25**

C CRAFTSMAN 3-jaw Universal Lathe Chuck. Self-centering, lever-operated. Holds to tolerances within .003 inch. Steel jaws, body, scroll. Knurled rim. Fits ½-in. by 20-thread spindle. Two sets of jaws (outside and inside). With wrench. Diameter 3 inches. Shpg. wt. 3 lbs. 5 oz.
9 A 2296 . . . . . **$22.50**

D CRAFTSMAN 4-jaw Independent Lathe Chuck. Steel. 4 reversible jaws; especially useful for holding irregularly shaped pieces; deep jaw slots. Acme threaded. Fits ½-in. x 20-thread spindle. With T-handle wrench. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz.
9 A 2157 . . . . . **$7.95**

E Work Arbor. For mounting drill chucks, holding grinding, buffing, wire scratch wheels, etc. Fits 99A02127L above, or any lathe with No. 0 Morse taper. Two flanges with nut on head end threaded ½-in. x 20-thread for clamping wheels. Shipping weight 8 oz.
9 A 2117 . . . . . **$1.10**

F Work Arbor with Chuck. Three-jaw, screw-on type. Knurled for extra ease in handling. Tapped ½-inch x 20-thread; full ½-inch capacity. Tough, long-life hardened steel jaws center accurately; grip tightly. Work arbor has No. 0 Morse taper shank. Shpg. wt. 1 lb. 4 oz.
9 A 2276 . . . . . **$2.20**

G Tailstock Cup Center. Replaceable point. No. 0 Morse taper shank.
9 A 2109—Shipping weight 3 ounces **$1.05**

H Spur Center. For wood turning. No. 0 Morse taper shank.
9 A 2108—Shipping weight 3 ounces **$1.05**

J 60-degree Center. For accurate centering. No. 0 Morse taper shank.
9 A 2103—Shipping weight 3 ounces **85c**

K Chuck Arbor. Precision ground. For 9A2142 and 9A2143 chucks (below). No. 0 Morse, No. 33 Jacobs taper. **Postpaid.**
9 A 2131—(Shpg. wt. 8 oz.) **$1.10**

L Center Rest Chuck. Capacity ¼ to ¾-in. Use with No. 3 Jacobs taper arbor to support centerless armatures, etc. *Order today!* **Postpaid.**
9 A 2991—(Shpg. wt. 3 lbs. 2 oz.) **$12.50**

Arbor. For 9A2991 chuck (listed above). No. 0 Morse and No. 3 Jacobs taper. Precision ground. **Postpaid.**
9 A 2133—(Shpg. wt. 10 oz.) **$1.10**

M Headstock Chuck. Capacity ⅛ to ⅝-in. Fits 1½-in., 8-thread spindle or No. 3 Jacobs taper arbor. **Postpaid.**
9 A 2144—(Shpg. wt. 3 lbs. 12 oz.) . . . **$17.65**

N Drill Chucks. Key-type chuck. Fits arbors with No. 33 Jacobs taper.
9 A 2142—Capacity 5/64 to ½-inch.
Postpaid. (Shpg. wt. 1 lb. 8 oz.) **$8.02**
9 A 2143—Capacity 0 to ½-inch.
Postpaid. (Shpg. wt. 2 lbs. 8 oz.) **8.56**

P Jacobs Commutator Kit. Holds armature shafts. Includes: No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ¾-in. capacity); two arbors (No. 2 Morse taper shank; No. 3 Jacobs taper head); chuck key. (Needs two 9A2133 arbors (left) to be used on above lathe.) Metal box. **Postpaid.** (Shpg. wt. 7 lbs. 4 oz.)
9 A 2129 . . . **$24.18**

R Metal Lathe Manual. 234 pages of operations, tables, etc. Shpg. wt. 11 oz.
9 A 2925 . . . . **$1.50**

Chucks and Accessories for Drill Presses, Lathes, etc.

A Commutator Kit. For holding armature shafts. Contains No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ¾-in. capacity); two arbors (No. 2 Morse taper, shank end; No. 3 Jacobs taper head end); chuck key, metal box.
9 A 2129—**Postpaid.** (Shpg. wt. 7 lbs. 4 oz.).**$24.18**

B Headstock Chucks with Key.
9 A 2044—Capacity 0 to 1 1/32 inches. Fits only 1-in., 8-thread spindle. **Postpaid.** (Shpg. wt. 3 lbs. 10 oz.).....**$14.18**
9 A 2144—Capacity ⅜ to ⅝-in. Fits 1½-in., 8-thread spindle. Can be used with No. 3 Jacobs taper arbor. **Postpaid.** (Shipping weight 3 pounds 12 ounces)...**$17.65**
9 A 2121—Capacity 3/16 to ¾ in. Fits 1½-in., 8-thread spindle. Will not fit any type arbor. **Postpaid.** (Wt. 5 lbs. 8 oz.).....**$21.13**

C Drill Press Chucks with Key.
9 A 2148—Key-type chuck. Fits arbors with No. 33 Jacobs taper. Capacity 3/64 to ½ in. **Postpaid.** (Wt. 1 lb. 8 oz.).....**$8.02**
9 A 2143—Key-type chuck. Fits arbors with No. 33 Jacobs taper. Capacity 0 to ½ in. **Postpaid.** (Shpg. wt. 2 lbs. 8 oz.).....**$8.56**

Key Chucks for Electric Drills
9 A 2976—Geared Key Chuck. Capacity 0 to ¼-in. ½-in. by 20-thread mounting thread. **Postpaid.** (Shpg. wt. 10 oz.).....**$5.89**
9 A 2978—Capacity 0 to ¼ in. Threaded ⅜-in. by 24 thread. **Postpaid.** (Shipping weight 8 ounces).....**$5.89**
9 A 2979—Capacity 0 to ¼ in. Threaded ⅜ in. by 24 thread. **Postpaid.** (Shipping weight 10 ounces).....**$5.89**
9 A 2980—Capacity ¼ to ½-in. Threaded ½-in. by 20 thread. **Postpaid.** (Shipping weight 1 lb. 3 oz.).....**$8.02**

D Center Rest Chuck.
9 A 2991—Capacity ¼ to ¾ in. Use with No. 3 Jacobs taper arbor. **Postpaid.** (Shipping wt. 3 lbs. 2 oz.).....**$12.50**

E Chuck Arbors for 9A2142, 9A2143.
9 A 2131—No. 0 Morse and No. 33 Jacobs taper. **Postpaid.** (Wt. 8 oz.)..**$1.10**
9 A 2123—No. 1 Morse and No. 33 Jacobs taper. **Postpaid.** (Shpg. wt. 10 oz.)..**$1.10**
9 A 2124—No. 2 Morse and No. 33 Jacobs taper. **Postpaid.** (Shpg. wt. 14 oz.)..**$1.10**

For 9A2129, 9A2144, 9A2991 Chucks.
9 A 2133—No. 0 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 10 oz.).**$1.10**
9 A 2154—No. 1 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 12 oz.)..**$1.10**
9 A 2126—No. 2 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 14 oz.)...**$1.10**

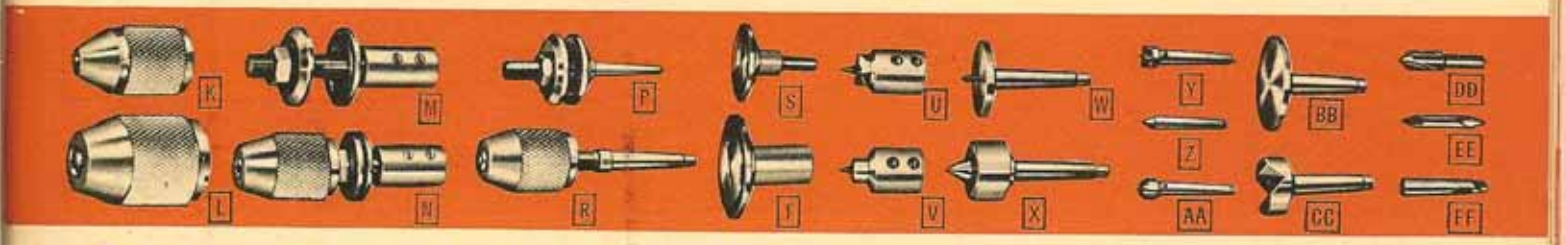
F Chuck Keys.
9 A 2051—Fits Jacobs chucks Nos. 1, 1A, 1B, 1BS. **Postpaid.** (Shipping weight 4 ounces).....**37c**
9 A 2054—Fits Jacobs chucks Nos. 32, 32B, 33, 33B, 11N. **Postpaid.** (Shipping weight 7 ounces).....**53c**
9 A 2052—Fits Jacobs chucks Nos. 3, 3A, 3B, 3AE, 6, 6A-2A, 6A-33, 6B, 6AE, 14N, 34, 34B, 34VR, 54B, 55B, 56B, 58B, 75A. **Postpaid.** (Shipping weight 10 ounces).....**59c**
9 A 2053—Fits Jacobs chucks Nos. 16N, 18N, 36B, 59B. **Postpaid.** (Shipping weight 12 ounces.).....**86c**
9 A 2073—Fits Jacobs chucks Nos. 7, 7B, 7-1A. **Postpaid.** (Shipping weight 7 ounces).....**43c**

G CRAFTSMAN Fine Quality Lathe Chucks. 3-jaw self-centering type. Jaws are controlled by single screw and pinion gear. Great accuracy, leverage, holding power. Perfect for centering work.
Chuck body casting of semi-steel. Alloy metal scroll and alloy steel pinion. Alloy steel jaws are heat treated, hardened; have raised steps. Complete with inside and outside gripping jaws. T-handle chuck wrench included.
9 A 2148—Fits 1-in. by 8-thread spindle. Diameter 4 in. Shipping weight 5 pounds 3 ounces.....**$33.00**
9 A 2150—Fits 1½-inch by 8-thread spindle. Diameter 5 inches. Shipping weight 6 pounds 11 ounces.....**$39.75**

H 3-jaw Universal Chucks . . for medium duty. Self-centering, lever operated. Case-hardened, cold rolled steel jaws; polished steel body and scroll. Body casting precision threaded; fits directly on spindle. Has outside and inside sets of jaws. Chuck wrench included.
9 A 2296—Fits ½-in. by 20-thread spindle. Diameter 3 in. Shipping weight 3 pounds 5 ounces.....**$22.50**
9 A 2297—Fits 1-inch by 8-thread spindle. Diameter 4 inches. Shipping weight 6 pounds 5 ounces.....**$27.50**
9 A 2298—Fits 1½-in. by 8-thread spindle. Diameter 5-in. Shipping weight 10 pounds.....**$32.50**
99 A 02299—Fits 1½-in. by 8-thread spindle. Diameter 6-in. Shipping weight 15 pounds.....**$43.95**

J CRAFTSMAN 4-jaw Independent Chucks. Precision made of finest materials. Body of special alloy steel has deep, wide jaw slots for added strength and greater bearing surface.
Four reversible jaws, drop forged from a solid bar of special steel, work independently; especially useful for holding irregular shaped pieces. Large jaw screw. Acme threaded. T-handle included. Fit any lathe with spindle diameters and threads per inch listed below. Sizes available to fit 5 different threaded lathe spindles.
9 A 2137—Fits ½-in. by 24-thread spindle. Diameter 3 in. Shipping weight 2 pounds 8 ounces.....**$7.95**
9 A 2157—Fits ½-in. by 20-thread spindle. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz.....**$7.95**
9 A 2156—Fits ¾-inch by 16-thread spindle. Diameter 4 in. Shpg. wt. 3 lbs. 10 oz....**$9.50**
9 A 2138—Fits 1-inch by 8-thread spindle. Diameter 4-in. Shpg. wt. 3 lbs. 12 oz....**$9.50**
9 A 2139—Fits 1½-in. by 8-thread spindle. Diameter 6-in. Shipping weight 9 pounds 10 ounces.....**$17.95**
99 A 02141K—Fits 1½-in. by 8-thread spindle. Diameter 8-in. Shpg. wt. 25 lbs.....**$29.95**

You can buy anything in this book on Sears Easy Terms, if your order totals $20 or more. See inside back cover for complete information



Extra Fine Quality CRAFTSMAN screw-on 3-jaw Chucks. Tapped to fit ½-inch by 20-thread spindles. Check spindle size.
K 9 A 2248—¼-in. capacity. Shpg. wt. 5 oz.....**85c**
L 9 A 2243—⅝-inch capacity. Shpg. wt. 12 oz.....**90c**
L 9 A 2256—½-inch capacity. Shpg. wt. 12 oz.....**$1.20**

M CRAFTSMAN General-purpose Work Arbor. Converts motor into a grinder, polisher, buffer, etc. Carbon steel. 4½ in. long. 2⅜-in. spindle has ½-in. x 20-thread. Has steel flanges. Fits ½ or ⅝-in. unthreaded shaft. Fastens with 2 set screws. **State whether for ½ or ⅝-in. spindle.**
9 A 2164—Shipping weight 12 oz.....**$1.20**

N Arbor with 3-jaw, ½-inch Drill Chuck. Chuck and ½-inch x 20-thread arbor with steel flanges. Fits ½ or ⅝-inch unthreaded straight spindle. Fastens with 2 set screws. **State if for ½ or ⅝-inch spindle.**
9 A 2151—Shipping weight 1 pound 10 ounces.....**$2.00**

P Work Arbors. For mounting drill chucks and holding grinding, buffing wheels, etc. ½-in. x 20-thread. Morse taper shank. 2 steel flanges for clamping wheels.
9 A 2117—No. 0 Morse taper. Shpg. wt. 8 oz.....**$1.10**
9 A 2153—No. 1 Morse taper. Shpg. wt. 9 oz.....$1.15
9 A 2152—No. 2 Morse taper. Shpg. wt. 11 oz..... 1.20

R Work Arbors with Chucks. 3-jaw, screw-on type chucks, ½-in. capacity; tapped ½-in. x 20-thread.
9 A 2276—No. 0 Morse taper with chuck and arbor. Shipping weight 1 pound 4 ounces.....**$2.20**
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces..... **2.00**
9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces..... **2.00**

Abrasive Disc Holders. Ideal for converting lathe, drill press, etc. into a sander or polisher.
S 9 A 2446—1½-inch diameter. Has ¼-inch straight shank. Shipping weight 5 ounces.....**70c**
T 9 A 2447—2-inch diameter. Use on ½-in. x 20-thread spindle. Shpg. wt. 7 ounces.....**$1.00**

Lathe Centers. Ideal for use on any lathe with ⅝-in. straight spindle. Fasten with 2 set-screws. Steel construction. Especially designed for maximum strength and rigidity. Replaceable center points.
U 9 A 2105—**Headstock Spur Center.** For driving work mounted between centers. Shpg. wt. 6 oz.....**95c**
V 9 A 2102—**Tailstock Cup Center.** Supports work in tailstock. Shipping weight 6 ounces.....**95c**
W **Screw centers.** For facing and hollowing operations. Replaceable center. Morse taper shank.
9 A 2116—No. 1 Morse taper. Shpg. wt. 12 oz.....**$1.65**
9 A 2115—No. 2 Morse taper. Shpg. wt. 14 oz....$1.70
X **Ball-bearing 60° Center.** For hardwood or metal; for high speed operation. No. 1 or No. 2 Morse taper shanks as listed.
9 A 2112—No. 1 Morse taper. Shpg. wt. 8 oz.....**$2.90**
9 A 2113—No. 2 Morse taper. Shpg. wt. 10 oz.....$2.90
Y **Spur Centers.** Use for wood turning. Accurately ground for perfect fit. No. 0, No. 1 or No. 2 Morse taper shanks as listed.
9 A 2108—No. 0 Morse taper. Shpg. wt. 3 oz.....**$1.05**
9 A 2106—No. 1 Morse taper. Shpg. wt. 4 oz.....$1.10
9 A 2107—No. 2 Morse taper. Shpg. wt. 7 oz..... 1.20

Z **60-degree Centers.** For turning hard woods and metals. Choice of 3 Morse taper shanks.
9 A 2103—No. 0 Morse taper. Wt. 3 oz....**85c**
9 A 2110—No. 1 Morse taper. Wt. 3 oz.... 90c
9 A 2111—No. 2 Morse taper. Wt. 7 oz..$1.00

AA **Tailstock Cup Centers.** Support work in tailstock. Choice of 3 Morse taper shanks.
9 A 2109—No. 0 Morse taper. Wt. 3 oz...**$1.05**
9 A 2100—No. 1 Morse taper. Wt. 3 oz...$1.10
9 A 2101—No. 2 Morse taper. Wt. 7 oz... 1.20

BB 9 A 2187—**Drill Pad.** Use in tailstock as rigid support for drilling flat or square work. Diameter of face, 3⅛ in. Steel shank has No. 2 Morse taper. Shpg. wt. 1 lb. 2 oz.$1.75

CC 9 A 2114—**Crotch Center.** Automatically centers round work in tailstock for cross-drilling. Precision-machined V-slot. Steel shank; No. 2 Morse taper. Shpg. wt. 1 lb.....$1.70

DD 9 A 6697—**82° Center Reamer and Countersink.** ⅜-inch size; ¼-inch shank diameter. Shipping weight 1 oz.....**$1.20**

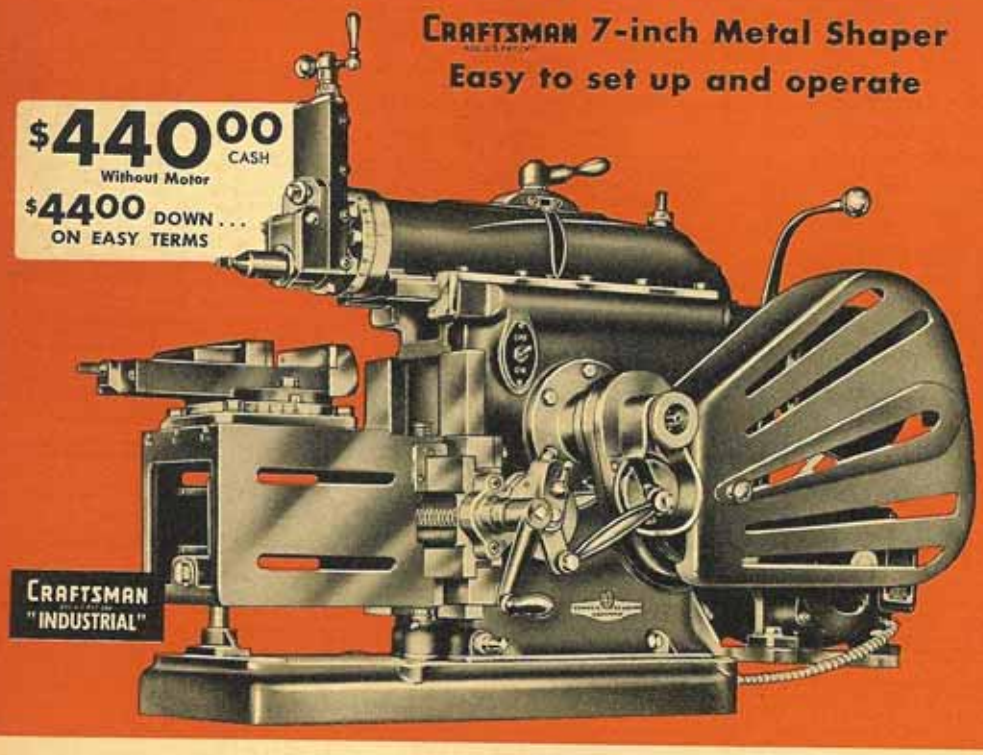
EE 9 A 2060—**High Speed Combined Drill and Countersink.** ⅛ in.–5/16 in. body or 7/64 in.–¼ in. body. **State size.** Shpg. wt. 1 oz. **85c**

FF 9 A 2161—**Adapter Sleeve.** To reduce from No. 2 to No. 1 Morse taper. Shipping weight 5 oz.....**$1.95**

CRAFTSMAN 7-inch Metal Shaper

Easy to set up and operate

$440.00 CASH
Without Motor
$44.00 DOWN . . .
ON EASY TERMS



Accessories for easier Shaper operation

A CRAFTSMAN Shaper and Milling Machine Floor Cabinet. Provides the rigid mounting needed for accurate shaper and miller work. Legs, top, and shelf are heavy 13-gauge steel with spot welded joints. Sides of top are flared to catch oil. Large shelf provides handy storage space for tools, attachments, etc. Cabinet is 28 inches long, 18 inches wide, and 32⅝ inches high.
99 A M1551F—Shpg. wt. 80 lbs. **$55.75**

CRAFTSMAN Side Pans for above floor cabinet. Attach to each side of cabinet (see illustration) to catch oil drippings as the miller table moves side to side. Heavy gauge steel; flared sides. Complete with clamp brackets and bolts. Size 11 inches by 8 inches wide.
9 A 1552F—Shpg. wt. per pair 5 lbs. **$7.50**

B CRAFTSMAN Shaper and Miller Lamp. 15 inch flexible cable . . can be turned any way. Universal mounting bracket with clamp screws for fastening lamp to ram plate. Push-through switch . . heavy metal shade protects light.
9 A 1557F—Shipping weight 2 pounds. **$7.25**

Working capacity covers almost every shaping job

Designed for production work in industry. ½ to 7-in. ram stroke gives capacity for almost every shaping job . . . ½-H.P. motor required keeps power costs down.

Countershaft bracket is slotted for belt stretch adjustment; countershaft lever stops ram without stopping motor. Hardened, ground countershaft spindle turns on roller bearings. 4-step countershaft and pinion shaft pulleys provide 4 speeds: 45, 78, 122 and 186 strokes per minute. Five automatic crossfeeds for either direction: .005, .010, .015, .020, and .025 in. per stroke. Table has three "T" slots in top for vise or work; vise aligning key-way on right side; two slots in each side for bolting work. Sides of tables are precision ground. Table top finished by shaper itself. Vise is graduated 0 to 90° both ways; swivels, and locks at any angle. Steel jaw inserts. Complete with safety guards, vise, countershaft, V-belt drive, crank handle, wrenches, instructions. *Shipped from factory in southern Michigan. Pay shipping charges on delivery.* Shipping weight 350 pounds.

99 A M1600F—*$44.00 Down; $24.00 Monthly*. **$440.00**

99 A 01978K—CRAFTSMAN Capacitor Motor. ½-H.P. 1750 RPM for 110–120 volt, 60-cycle AC. ½-in. double end shaft. Shpg. wt. 33 lbs. **$26.50**

SPECIFICATIONS:

- Strokes per min. 45, 78, 122, 186
- Cross feeds (both directions) .005, .010, .015, .020, .025 in. per stroke
- Cutting speeds, feet per minute . . . . . 3½ to 116
- Distance table to ram Maximum 5½ inches; minimum ½-inch
- Overall dimensions . . . . . 17x36x26 in.
- Ram length, less tool head . . . . . 17 in.
- Ram position range . . . . . 4 in.
- Tool head diameter . . . . . 4 in.
- Tool head feed length . . . . . 3 in.
- Tool post . . . . . takes ⅜-in. tool bits or holder for ¼-in. tool bits Tool head graduated 0 to 50° right and left. Collar graduated in .001ths—swivel clapper.
- Gear ratio . . . . . 5½ to 1—1-in. face
- Pinion shaft and countershaft pulleys 4-step, V-type
- Table dimensions . . . . . 8¾x6x6 in. deep overall; 7-in. long finished surface
- Table travel. 9⅜ in. horizontal; 5 inches vertical
- Vise jaw . . . . . 4x⅜ in.; opens 4 in.

CRAFTSMAN Index Centers

Professional quality. For dividing operations. Headstock and tailstock lock to T-slot in shaper table—keys maintain alignment with T-slot. Centers position for work up to 9 inches long; lock with coordinate clamps. 6-in. swing. Headstock spindle nose has 1 inch diameter, 10-pitch N.S. threads. 13/32-inch hole through spindle. With 9 indexing gears (36, 40, 44, 46, 48, 52, 54, 56 and 64 teeth); 1½-in. dog, driver, bolts; two 60 degree centers—No. 2 Morse taper for headstock. No. 1 MT for tailstock. Buy all your accessories on easy terms. You need pay only 10% down.
99 A 1553F—Shipping weight 15 lbs. **$60.00**

CRAFTSMAN Milling Machine and Shaper Attachments and Accessories

C CRAFTSMAN Automatic Coolant Systems. Reduce tool wear, improve work finish. Simple construction assures trouble-free performance. Modern centrifugal-type pump engineered for continuous service with any cutting fluid. Pump installed in 3-pint reservoir compartment in miller base. Coolant stream easily directed to any point on cutter by using adjustable outlet nozzle and sliding feed line support arm. Control valve regulates flow from slow drip to washing action. No priming.

9 A 1563F—Pumping capacity: Soluble Oil (50% solution) 198 gal./hour; Lard Oil (70° F) 78 gal./hour. 3450 RPM induction motor for 110–120 volt 50–60 cycle AC. Shpg. wt. 12 lbs. **$67.75**

99 A 1564F—Pumping capacity: Soluble Oil (50% solution) 360 gal./hour; Lard Oil (70°F) 108 gal./hour. 6000 RPM universal motor for 110-120 v. AC-DC. Wt. 20 lbs. . . **$85.00**

D CRAFTSMAN Coolant Tank. Gravity-flow tank. A simple, inexpensive coolant device for milling machine. Capacity about 1 qt. Adjustable nozzle and sliding support arm direct coolant stream. Valve regulates flow.
9 A 1558F—Shpg. wt. 8 lbs. **$10.25**

E CRAFTSMAN Extension Tool for Shaper. Drop-forged holder, ⅜x 7½ in. steel bar with broached hole for 3/16-in. cutter bit. With cutter bit and wrench.
9 A 1610F—Shpg. wt. 2 lbs. . . **$8.75**
9 A 1611F—Set of 6 CRAFTSMAN Cutter Bits. 3/16-in. unground. Shpg. wt. 1 lb. **90c**

F CRAFTSMAN Tool Holder. Use for all angles. Head swivels; locks at any one of 8 positions. With ¼-in. high-speed cutter bit.
9 A 1609F—Shpg. wt. 2 lbs. . . **$7.75**

G Set of 7 CRAFTSMAN Formed Cutter Bits. High-speed steel ¼x ¼-in. Use in Tool Holder 9 A 1609F above.
9 A 1605F—Shpg. wt. 1 lb. . . . **$5.35**
CRAFTSMAN Unground Cutter Bits Sets.
9 A 1606F—6 bits; ¼-inch. Shpg. wt. 8 oz. **$1.80**
9 A 1607F—12 bits; ¼-inch Shpg. wt. 1 lb. **$3.15**
9 A 1608F—6 bits; ⅜-in. (for tool post). Wt. 12 oz. **$4.25**

H CRAFTSMAN Rotary Index Table. For metal shaper. 3 T-slots for positioning and locking work. Table locks with 2 bolts to circular T-slots in base. Holes spaced to permit indexing table rigidly every 30° with plunger and knob. Swivel base graduated 0 to 90° left and right. Table diameter 5½ in. Height 1⅞ in. With 4 base clamp bolts, wrench.
99 A 1602F—Shpg. wt. 14 lbs. **$49.75**

J CRAFTSMAN Rotary Index Table. For milling machine. Holds work for angular indexing and spacing. Table swivels to any angle, locks to base. 3 T-slots (⅜-in. x ⅜-in.) in top of table for positioning and locking work. Swivel base graduated 0 to 90° left and right. Indexing holes every 30°. Table diameter 5½ in.; height 1⅞-in. with 2 base-clamping bolts, wrench.
99 A 1554F—Shpg. wt. 15 lbs. **$49.75**

K CRAFTSMAN Swivel Vise. Turns 360°. 3-in. wide jaws open 3⅛ in.; height 3⅛-in. Base graduated 0 to 90° right and left. With bolts, crank handle, wrench.
99 A 1555F—Shpg. wt. 15 lbs. **$34.50**

L CRAFTSMAN Index Centers. For dividing operations. Base casting held to T-slots in shaper table by cap screws. Outer center support may be positioned for work up to 8 in. long; locked by bolts in two base T-slots. Screw with ball crank operates adjustable center. Two index plates furnished, each with two circles of indexing holes engaged by a lock pin (30 and 36 holes, 28 and 48 holes). Spindle locked in position by coordinate clamp. Maximum distance between centers 8 in. Maximum swing 5½ in. Base 14½x6x⅞ in. thick. With 1¾-in. clamp dog, etc. Shpg. wt. 21 lbs. Shppd. freight, express or truck.
99 A M1603F. **$52.75**

M CRAFTSMAN Angle Plate. For holding small pieces and irregular shapes that can't be gripped in vise or bolted to table. Outer faces are precision ground; have 4 holes for bolting work and 2 for bolting plate to shaper table. Base and face each 2½x4x7/16 inches. With bolts.
9 A 1556F—Shpg. wt. 3 lbs. **$8.95**

All items on this page except 9A01978K are shipped from factory in Southern Michigan.

CRAFTSMAN Milling Machine

Backgeared Power for Heavy Cuts

- ★ Handles complete range of milling from slabbing and end milling to keyways, finishing and layout work . . . accurately and at low cost
- ★ Famous Timken tapered roller bearings on spindle . . permit wide range of spindle and surface speeds. Reversible automatic longitudinal table feed
- ★ Steel cable-reinforced rubber belts . . complete V-belt drive transmits maximum power to spindle . . Operates from ½-H.P. motor
- ★ Precision-ground 4½x18-inch table . . a massive work support. 8 spindle speeds: 62 to 2870 R.P.M. Back geared power for heavy cuts

CRAFTSMAN Change-O-Matic gives selection of 20 reversible automatic table feeds between 0.186 in. and 11.250 in. per min. 4 automatic feeds for each of 5 spindle speeds.

Massive column, spindle head and base. Ways for knee bearings cast integrally with column and precision ground. Spindle head anchored to column for positive alignment

Timken tapered roller bearings keep accurate spindle alignment, carry all radial and thrust loads . . permit wide range of spindle and surface speeds. Take-up adjustment.

V-belt drive transmits maximum power to spindle at all 8 speeds. Quick-change type countershaft; 2 position belt tension lever: forward to release back to engage.

MILLING MACHINE

$390.00 CASH

Without arbor and motor

$39.00 Down

$22.00 Monthly

Handles complete range of milling

Designed, built and priced to take its place in almost every kind of shop. Does complete range of milling operations, gear cutting, profiling, straddle milling, boring, slotting, etc. Engineered for accuracy; it is ideal for school and home shops, maintenance shops, laboratories, etc.

Overarm, support bracket and outboard arbor support (shown on machine) insure accurate work by maintaining rigid horizontal position of arbor and cutters. Adjusts quickly; easy to remove and mount. Rugged table support. Knee casting supported by two 5½-in. bearings on column ways and by telescoping elevation screw. Gib-lock permits rigid position at any height. Machined dovetail for saddle. Saddle casting has 5-in. dovetail bearings on knee, 6-in. on table.

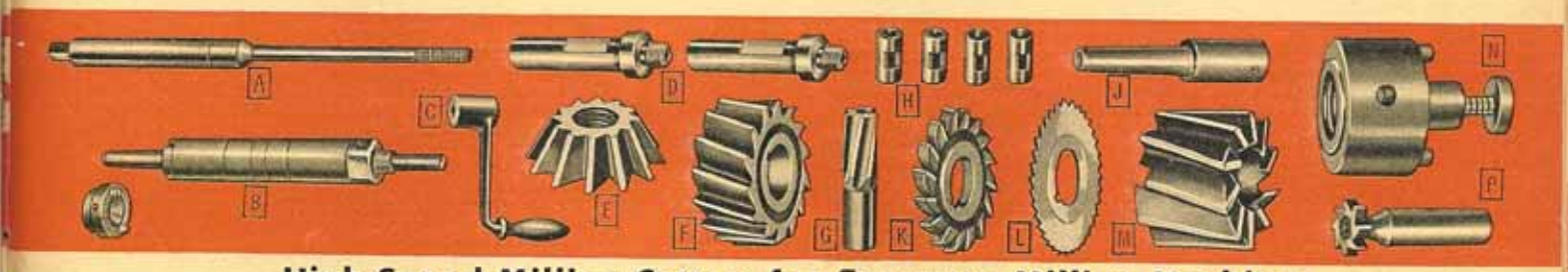
Equipment furnished: CRAFTSMAN "Change-O-Matic" controls, integral V-belt countershaft, belts and pulleys for complete V-belt drive; motor pulley for ½-in. diameter motor shaft, motor mounting bracket. 12-amp. single phase control switch and cord. Less arbor and motor. Weighs 205 lbs. **See shipping notice below.**

99 A M1550F—Shipping weight 278 pounds **$390.00**

99 A 01977K—**CRAFTSMAN Capacitor Motor.** ½-H.P. 1750 R.P.M. for 110-120 volt, 60-cycle AC. ½-in. double-end shaft. (See complete description on page 44.) Shipping weight 30 pounds **$24.95**

SPECIFICATIONS

- Longitudinal table travel . . . . 9 3/16-in.
- Reversible automatic longitudinal power feeds: Per revolution of spindle: .003, .006, .0125 or .025 in. Range: 0.186 to 11.250 in. per minute
- Cross table travel, hand operated 3⅜ in.
- Vertical table travel, hand-operated . . . . . 6 in.
- Center of spindle to table in lowest position . . . . . 6 in.
- Table working surface . . . . . 4½x18 in.
- Overall table dimensions 4½x18x1⅜ in.
- Table T-slots . . . . . Top, ⅜x⅜x16 in. Side, ⅜x⅜x18 in.
- Eight spindle speeds, between . . . . . 62 and 2870 R.P.M.
- Timken tapered roller bearings on spindle
- Spindle . . . . 1-in. diameter; 10-pitch N. S. threads, 13/32 in. hole through entire length, nose bored for No. 2 Morse taper.
- Arbor diameter . . . . . ⅞ or 1 in.
- Center of arbor to underside of overarm . . . . . 2½ in.
- Backgear ratio (appro.) . . . . . 6½ to 1
- Oilite bronze backgear shaft, countershaft spindle bearings.
- Use ½-H.P. 1750 R.P.M. motor.



High Speed Milling Cutters for CRAFTSMAN Milling Machine

A Draw-in Bar. Required to hold arbors 9 A 1559F or 9 A 1560F (see B below) and shank-cutter adapter 9 A 1568F (J at right) in spindle taper.
9 A 1561F—Shpg. wt. 1 lb. 8 oz. . **$4.00**

B Cutter Arbors. Ground stressproof steel with full length keyway and No. 2 Morse taper shank. Driver threaded for spindle nose. Six precision-ground 1⅜-in. diam. collars furnished (two 2-in., one 1-in., one ¾-in. one ½-in. and one ¼-in.). Length, shoulder to nut, 6¼ in. 9 A 1561F Draw-in bar (A above) required.
9 A 1559F—⅞-in. diam. (Complete with nut, six collars and driver.) Shpg. wt. 5 lbs **$32.50**
9 A 1560F—1-in. diam. (Complete with nut, six collars and driver.) Shpg. wt. 8 lbs **$38.75**

C Crank Handle. Required for Draw-in Bar 9 A 1561F (A above) and included with vise 99 A 1555F (opposite page). Handle is drop forged; accurately broached hole.
9 A 1562F—Shpg. wt. 1 lb. 8 oz. **$3.50**

D Arbors for Angular Cutters. Required to hold angular cutters 9 A 2995F (E below) in shank-cutter adapter 9 A 1568F (J at right). Wt. each 8 oz.
9 A 1566F—For 7/16-in. Cutter, 24-thread **$2.25**
9 A 1567F—For 5/16-in. Cutter, 20-thread **$2.25**

E Angular Cutters. For face-milling, dovetailing. Threaded hole adapted to shank-cutter adapter 9 A 1568F (J at right) with arbors listed above. Shpg. wt. each 3 oz. **State thickness wanted.**
9 A 2995F—⅞-in. (1¼-in. diam., ⅜-in. hole) . . **$7.25**
9 A 2995F—⅝-in. (1⅝-in. diam., ½-in. hole) . . . **$8.25**

F Slab Milling Cutter. For plain surfacing. R.H. spiral teeth. Held on arbor 9 A 1559F (B at left). ⅜-in. hole, 2¼-in. diam., 1-in. face.
9 A 1574F—Shipping weight 2 lbs **$7.75**

G R.H. Spiral End Mills. For slots, straight keyways, facing, routing, squaring and splining shafts. Held in shank-cutter adapter 9 A 1568F (J at right) with bushings 9 A 2985 (H at right).

Diam. (Please state)	Length flute	Wt.	9 A 2997F
¼-inch	⅝-inch	3 oz.	$2.95
3/16-inch	13/16-inch	3 oz.	3.15
⅜-inch	¾-inch	3 oz.	3.35
3/16-inch	⅞-inch	3 oz.	3.55
½-inch	15/16-inch	3 oz.	3.90

H End-mill Bushings. Required to adapt all end mills 9 A 2997F except ½-in. diam. (see G at left) to shank-cutter adapter 9 A 1568F (J below). Shipping weight 4 oz.
9 A 2985 . . . . . Set of 4 **$2.60**

J Shank-cutter Adapter. Holds ½-in. straight shank cutters (end mills, angular cutters, Woodruff keyway cutters) in spindle with 9 A 1561F draw-in bar (A at left) required.
9 A 1568F—Shpg. wt. 1 lb **$5.75**

K Side Milling Cutter. Teeth have cutting edges on three sides. Held on arbor 9 A 1559F (B at left). 2½-in. diam., ¼-in. face, ⅜-in. hole.
9 A 1570F—Shpg. wt. 1 lb **$7.50**

L Metal Slitting Saws. Sides taper-ground for proper clearance. Held on arbor 9 A 1559F (B at left). ⅜-in. hole. Shpg. wt. each 8 oz.

Catalog No.	Diam.	Thickness	Each
9 A 1571F	2½-in.	1/32-in.	$4.40
9 A 1572F	2½-in.	3/64-in.	4.40
9 A 1573F	2½-in.	⅛-in.	4.50

M R.H. Spiral Shell End Mill. For wide facing cuts, surfacing, end milling. R.H. spiral teeth. Back slotted to fit pins of required driver 9 A 1565F (N below). 2-in. diam., 1⅜ in. thick, ¾-in. hole.
9 A 1569F—Shpg. wt. 4 oz. **$10.50**

N Shell End Mill Driver. Required for shell end mill 9 A 1569F (M above). Threaded for spindle nose; 2 driving pins for cutter slot, pilot for cutter hole, retainer screw.
9 A 1565F—Shpg. wt. 2 lbs **$10.75**

P Woodruff Keyway Cutters. For cutting Woodruff keyways, slots, grooves, T-slots, etc. Straight shank—held in shank-cutter adapter 9 A 1568F (J at left). Shipping wt. each 4 oz. *State size wanted.*

Diameter	Thickness	9 A 2996F
½-in.	⅛-in.	$3.75
¾-in.	3/16-in.	4.10
1 -in.	¼-in.	5.10
1⅛-in.	3/16-in.	6.00
1¼-in.	⅜-in.	6.75

All items on this page, except numbers 99A01977K and 9 A 2985, are shipped from factory in Michigan

CRAFTSMAN "80" Drill Presses

REG. U.S. PAT. OFF.

- **Designed and built for home craftsmen**
- **Drills to center of 13½-in. circle**
- **9x9-in. table . . perfectly aligned**

CRAFTSMAN "80" Professional Quality. With "Safe-Lock" key chuck. 0 to ½-in. capacity. 4 sets heavy duty, shielded ball bearings. Lubricated for life!

With "Perma-Coil" quill return-spring. Rubber cushion absorbs quill return shock and preloads quill bearings. Adjustable stop nuts for repetitive drilling. Depth gauge graduated in 16ths. 2¼-in. diam. column. Tapered pin holds table on support in alignment at horizontal position. Tilts 0 to 90°. Cast semi-steel; slotted for attachments.

SPECIFICATIONS (99 A M2364 above): Depth of throat 6¾-in.; Spindle No. 33 Jacobs taper; Bearings 4 sets precision ball; Chuck Capacity 0 to ½-in.; Spindle travel 3⅛ in.; Quill diameter 1⅝-in.; Depth gauge graduations 1/16 in.; Outside column diameter 2¼ in.; Table size 9x9 in.; Table travel 14 in.; Base size (working surface) 9x9-in.; Base to chuck, maximum 14 in.; Machine and motor pulley (included) 5-in. 4-step.; V-belt (included) ½x41 inches; Motor recommended, minimum ½-H.P. 1750 R.P.M.; 9 speeds 610 to 5000 R.P.M.; Mounting dimensions 8⅝x12 1/32 inches; Overall dimensions: Height 31¾ in.; Width 11⅞ in.; Depth 16⅝ in.

SPECIFICATIONS (99 A M2357 above): Same as (99 A M2364 above) except: Table travel 40⅛ in.; Base to chuck maximum 45⅛ in.; Mounting dimensions 12 9/16x 14 9/16 in.; Overall dimensions: Height 60 3/16 in.; Width 15 in.; Depth 21½ in.

NEW Work-height CRAFTSMAN "80" Drill Press. 60¾ inches high! Mount on floor of your workshop . . no need to buy extra work bench. Saves you money!

A 99 A M2364—Without motor. Wt. 108 lbs. **$75.00**
99 A MT2366—With ½-H.P. 1750 R.P.M. capacitor 110-120-volt, 60-cycle A.C. ball bearing motor. Shipping weight 142 pounds **$101.50**

B 99 A M2357—Without motor. Wt. 135 lbs. **$85.00**
99 A MT2378—With ½-H.P. 1750 R.P.M. capacitor 110-120-volt, 60-cycle A.C. ball bearing motor. Shipping weight 168 pounds **$111.50**
99 A M2259F—**Drill Press Head only.** With "Safe Lock" key chuck with key; less motor pulley and V-belt. Shipping weight 61 pounds **$47.50**
99 A M2322F—**Drill Press Head only.** Without chuck, motor pulley or V-belt. Shpg. wt. 59 lbs. **$39.50**

***NOTE:** Drill Press heads only shipped freight, truck or express from factory in Southern Mich.*

DUNLAP Drill Press

REG. U.S. PAT. OFF.

C **DUNLAP. Drills to center of 12¼-inch circle;** maximum spindle travel 3 inches. Three porous bronze bearings; ball thrust bearing absorbs spindle thrust. "Floating Drive" spindle assembly eliminates side pull of belt and pulley "whip." With "Safe-Lock" key chuck (5/64 to ½-inch capacity) with key. Adjustable stop collar for repetitive drilling. Depth gauge accurately graduated in 16ths of an inch. "Perma-Coil" quill return spring; rubber cushion absorbs return shock. 7¾x7¾ inch smooth ground semi-steel table, does not tilt.

SPECIFICATIONS:

- Depth of throat . . . . . 6⅛ inches
- Spindle . . . . . No. 33 Jacobs taper
- Bearings . . . . . 1 ball thrust; 3 porous bronze
- Chuck capacity . . . . . 5/64 to ½-inch
- Spindle travel . . . . . 3 inches
- Outside diameter of column . . . . . 1⅜ inches
- Table size . . . . . 7¾ x 7¾ inches
- Table travel . . . . . 7 1/16 inches
- Base size (working surface) . . . . . 7¾ x 7¾ inches
- Base to chuck maximum . . . . . 9 13/16 inches
- Machine and motor pulley (included) . . . . . 4-inch 4 step
- V-belt (included) . . . . . ½x37 inches
- Motor recommended, minimum . . . ½-H.P. 1750 R.P.M.
- 9 speeds . . . . . 765 to 4000 R.P.M.
- Mounting dimensions . . . . . 7 5/16 x 11 1/16 inches
- Overall dimensions: Height 26⅞ inches; width 10⅛ inches; depth 15½ inches

99 A M2362—Without motor. Shipping weight 80 lbs. . **$47.50**
99 A MT2363—With ½-H.P. 1750 R.P.M. ball bearing split phase motor. 110-120-volt, 60-cycle AC. Shipping weight 107 pounds **$67.00**

Buy your drill press NOW on Sears Easy Terms—pay a small down payment, the balance monthly. See inside back cover for details.

Look at all the operations you can do with your drill press!

ROUTING

PLANING

DOVETAILING

You can do all the operations shown here with your drill press . . . AND you can cut keyways, do milling . . plus dozens of other jobs. See pages 32 and 33 for useful accessories to make your drill press the handiest tool in your workshop.

MORTISING

SHAPING

SANDING

For additional information on Sears Power Tools write to Sears Personal Service Department

CRAFTSMAN "100"
REG. U.S. PAT. OFF.

Drill Presses

[A] **$143.00** CASH
With Vari-slo Speed Control and Motor
$14.50 DOWN ON TERMS

[B] **$132.00** CASH
With Vari-slo Speed Control and Motor
$13.50 DOWN ON TERMS

DRILL PRESS BOOK . . . a "must" for all drill press owners. 32 pages explaining 100 drill press operations. About 200 illustrations. Explains how to do drilling, shaping, sanding, mortising, routing, carving, etc.
9 A 2921—Shpg. wt. 2 oz. . . **25c**

- Massive, heavy-duty construction
- Drills to center of 15-in. circle
- 10x10 inch ground cast semi-steel table

Our finest! Extra heavy-duty! Meet the most rigid demands of professional craftsmen. Four sets of shielded ball bearings; lubricated for life. **3-lever feed handle for easy operation!**

With "Safe Lock" key chuck . . 0 to ½ inch capacity, with key. Exclusive "Perma-Coil" spiral coil quill return-spring. Rubber cushion absorbs quill return shock; preloads quill bearings to take up wear and reduce spindle end play after long use. Positive acting quill locks permitting you to do routing, shaping and mortising using proper attachments. (Attachments not included; see pages 32 and 33.) Depth gauge graduated in 16ths of an inch. Stop nuts may be set for repetitive drilling.

10x10 inch ground cast semi-steel table tilts 0 to 90 degrees right or left . . slotted to hold fixtures. Base has 10x10-inch working surface.

[A] **99 A MT2304—Combination Offer.** Consists of 99AM-2314 Floor model Drill Press described below, Vari-slo Speed Control 9A2340 at right, and CRAFTSMAN ½-HP 1750 RPM ball-bearing capacitor motor (110–120-volt, 60-cycle AC).
Shpg. wt. 218 lbs. . . . . Cash **$143.00**
99 A M2314—Floor model without motor.
Shipping weight 179 pounds. **$97.00**
99 A MT2331—Floor model (as above) with ½-H.P. 1750 R.P.M. capacitor ball bearing 110–120-volt, 60-cycle A.C. motor. Shipping weight 213 lbs. **$123.50**

[B] **99 A MT2337—Combination Offer.** Consists of 99AM-2313 Bench Model Drill Press described below, Vari-Slo Speed Control 9A2340 at right, and CRAFTSMAN ½-HP 1750 RPM ball-bearing capacitor motor (110–120-volt, 60-cycle AC).
Shpg. wt. 176 lbs. . . . . Cash **$132.00**
99 A M2313—Bench model without motor.
Shipping weight 137 pounds. **$86.00**
99 A MT2330—Bench model (as above) with ½-H.P. 1750 R.P.M. capacitor ball bearing, 110–120-volt, 60-cycle A.C. motor. Shpg. wt. 171 lbs. . **$112.50**
99 A M2260F—Drill Press Head only. With "Safe-Lock" key chuck, with key; without motor pulley and V-belt. Shpg. wt. 66 lbs. **$55.00**
99 A M2332F—Drill Press Head only, without chuck, motor pulley and V-belt. Wt. 64 lbs. **$47.50**

***NOTE:** Drill Press Heads only shipped freight, truck or express from Southern Michigan. You pay shipping charges on delivery.*

SPECIFICATIONS	[A] 99AM2314	[B] 99AM2313
Depth of throat	7½ inches	7½ inches
Spindle	No. 33 Jacobs taper	
Bearings	4 sets precision ball	
Chuck capacity	0 to ½-inch	0 to ½ inch
Spindle travel	4 inches	4 inches
Quill diameter	1⅝ inches	1⅝ inches
Depth gauge graduations	1/16 inch	1/16 inch
Column diameter (outside)	2¾ inches	2¾ inches
Table size (work surface)	10x10 inches	10x10 inches
Table travel	43 31/32 in.	13 3/32 in.
Distance, base to chuck, maximum	48 inches	17¾ inches
Machine and motor pulleys (included)	5-in. 4 step	5-in. 4 step
V-belt (included)	½x44 inches	½x44 inches
Motor recommended, minimum	½ H.P. 1750 R.P.M.	
9 speeds from	610 to 5000 R.P.M.	
Mounting dimensions	16 1/16x14½ in.	9½x14⅛ in.
Overall dimensions		
Height	68¾ in.	36⅝ in.
Width	18⅛ in.	12⅞ in.
Depth	24 in.	19 in.

CRAFTSMAN
REG. U.S. PAT. OFF.

Vari-Slo Speed Control

Change drill press speeds in seconds for routing . . shaping!

$19.95 Cash
$2.00 Down
Vari-slo Speed Control

Change speeds with tool running.. Speeds from 300 to 3750 R.P.M.

Saves drills . . . saves time! For use with CRAFTSMAN drill presses 99AM2314, 99AMT2331, 99AM-2313, and 99AMT2330 listed at left only. The only drill press attachment we know of that gives a 12 to 1 ratio with just one hand lever, without changing belts! You can drill ½-in. holes in steel, and increase the revolutions per minute to routing and shaping speed in a few seconds. Enables you to select any speed from 300 to 3750 R.P.M. without stopping the spindle. Just slide hand lever and lock it at desired speed as shown on speed indicator. Hand lever and speed indicator are conveniently located in front, at top of drill press head.

Vari-Slo Speed Control mounts right on drill press column—easily and quickly installed. No holes to drill or tap! Made of tough aluminum alloy and cast Tenzaloy. Variable speed pulleys are mounted on 4 grease-sealed precision ball bearings; lubricated for life. All steel parts are plated to resist rust. Comes with 3 CRAFTSMAN V-belts, set screw wrench and instructions.
9 A 2340—Shipping weight 5 pounds 4 ounces. **$19.95**

Buy your drill press and accessories NOW on Sears Easy Terms—pay a small down payment, the balance monthly. See inside back cover.

Lock-type Chuck

Outstanding for its exceptional safety and accuracy. Safer to use because swiveling threaded lock collar screws onto spindle of drill press . . . keeps chuck firmly seated on tapered spindle . . . cannot possibly fly off spindle regardless of speeds or type of thrust. Eliminates necessity of using special collet chucks or similar adapters for holding routing, carving or dovetailing bits.

Steel jaws are expertly heat-treated and fitted into bored taper hole in hardened and ground body.
9 A 2962—Capacity 0 to ½-in. For drill press with 1 1/16-in.x20-collar and Jacobs No. 33 taper. With key. Wt. 1 lb. 8 oz. **$9.63**
9 A 2963—Capacity 5/64 to ½-in. For drill press with 1 1/16-in.x20-thread collar and Jacobs No. 33 taper. With key. Shipping weight 1 lb. 2 oz. **$9.09**

$9.63
9 A 2962

Accessories to make your Drill Press the most useful tool in your Workshop

A **Drill Press Cover.** Protects pulleys, V-belt and spindles . . . improves appearance of your drill press. Specially made to fit over drill press heads of CRAFTSMAN models 99AM2313 and 99AM2314. Made of cast aluminum. Painted . . . matches color of drill press head. Instructions and hardware for installing included. Shipped from factory in Southern Michigan. You pay postage from your store.
99 A 2312F—Shipping weight 7 lbs. **$13.95**

B **CRAFTSMAN Production Table.** Use with oil or coolants. 19x18¾x4-in. Cast semi-steel; 10¾x16¼-in. ground surface. Oil trough surrounds table; ⅜-in.x18-thread outlet. Column bore 2¾ in. Fits drill presses 99AM2314 and 99AM2313 listed on page 31. With Allen wrench. Pay freight or express or truck charges from factory in Southern Michigan.
99 A M2306F—Shipping weight 47 lbs. . . . **$22.50**

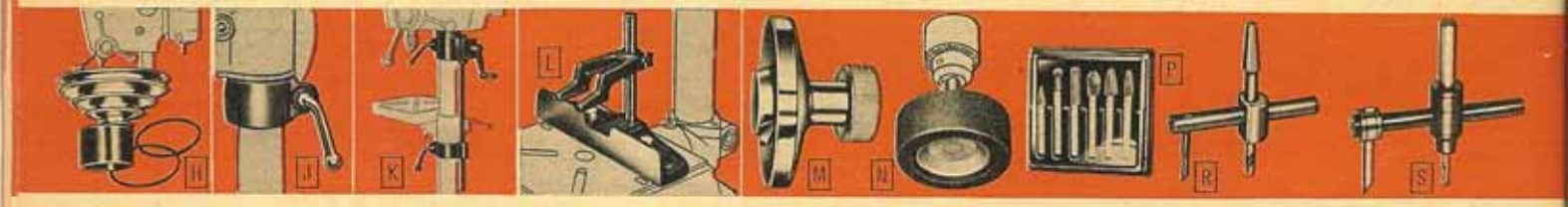
C **Milling Vise.** Use your drill press as a milling machine! It's an indexing table, rotary table and milling table! Use on drill presses, milling machines, surface grinders or shapers. Precision built. Table rotates 360°. *Dual crossfeed* 2⅛ in. each side or 4¼ in. over-all; calibrated in thousandths. *Rotary feed;* calibrated in degrees.
99 A 02496K—Shpg. wt. 37 lbs. **$49.50**
99 A 02493K—As above, but without rotary feed. Shpg. wt. 35 lbs. **$39.50**

D **Drill Press Milling Vise.** Bolts on drill press table; adapts to shaper, lathe or grinder. Work is locked on 7x7-inch table between 2 adjustable jaws, moved to any horizontal position by 2 cross-feed controls. 6-inch travel base graduated 180°. 3½-inch vise capacity. Jaws 3 inches wide. 1⅝ inches high. Wrench. Shipping weight 32 pounds.
99 A 02432K. **$39.75**

E **CRAFTSMAN Drill Press Angle Vise.** For quick, accurate set-ups without use of clamps or wedges. Can be adjusted 0 to 90°, or used horizontally. Can be used with magnetic chuck. Steel adjusting screws. Fine pitch thread; long bearing in vise body. 2 7/16-in. jaws open to 2½-in. 9 in. long over-all. Machined cast iron; steel jaws grooved to hold round or tapered pieces. Rust-resistant finish.
9 A 2756—Shipping weight 9 lbs. 12 oz. **$7.95**

F **CRAFTSMAN Drill Press Vise.** Precision-squared sides for use on end, on either side, or in normal horizontal position. Can be used with magnetic chuck. Easy to set up. Accurately machined cast iron construction; rust-resistant finish. Precision-cut steel adjusting screws; fine pitch thread and long bearing in vise; smooth and easy working. 2 7/16-in. steel jaws; grooved horizontally and vertically for holding round, oval or tapered pieces; open to 2½ inches; 7¼ inches long over-all.
9 A 2755—Shipping weight 4 lbs. 12 oz. **$4.95**

G **DUNLAP Drill Press Vise.** Cast non-ferrous base. 2⅝-in. jaws with steel faces open 3 inches; 10½ inches long. With extra jaws of cast iron; one for round or irregular work; one for tapered pieces.
9 A 2436—Shipping weight 4 pounds. **$3.75**



Speed Attachment, Collars, Lift

CRAFTSMAN Slow-Speed Attachment. Complete range of 20 speeds from 200 R.P.M. to about 9,835 R.P.M. For metal drilling even with ½-in. drill. Ball bearing construction. 4-step, cone-type pulley. 2 V-belts included. Use with ½-H.P. 1750 R.P.M. motor (minimum).

H Fits Nos. 99AM2314, 99AM2313, 99AM2364 (pg. 30 and 31), drill presses with 2 or 2⅝-in. (plus .005-in.) inside diam. column.
9 A 2338—Shipping weight 4 pounds 2 ounces. **$11.50**
9 A 2399F*—(Not shown.) Fits former drill presses 2482, 2483; others with 2⅝-in. (plus.005-in.) inside diam. column. Shpg. wt. 5 lbs. **$11.50**
9 A 2394F*—(Not illustrated). Fits drill presses with 2⅝-in. (plus .005-inch) inside diam. column. Shipping wt. 5 lbs. **$11.50**
9 A 2397F*—(Not shown.) Fits drill presses with 2-in. (plus .005-in.) inside diameter column. Shpg. wt. 5 lbs. **$11.50**

J **Drill Press Collars.** Locks on column under drill press head or table. Easy to swing head or table for working at different positions.
9 A 2429—For drill presses on pages 30, 31, or any drill press with 2⅝-in. outside diam. column. Shpg. wt. 2 lbs. 8 oz. **$2.50**
9 A 2427—For 99AM2364 drill press listed on page 33, or any drill press with 2¼-inch outside diameter column. Shpg. wt. 2 lbs. 8 oz. . . . **$2.40**

K **Head and Table Lift.** For 99AM2314 and floor model drill presses with 2¾-in. outside diam. columns. Acme-threaded lift screw with bevel-gear drive controlled by crank handle. Support collars have co-ordinate clamp locks. Turn of crank gives ⅛-in. travel. Maximum travel at any one setting 12 in. Gear case and upper support collar one piece. Ball thrust bearing; absorbs load on screw.
99 A 02419K—Shipping weight 30 lbs. **$23.50**

** Shipped from factory in central Michigan.*

Hold-down, Planer, Drums

L **CRAFTSMAN Hold-down and Guide.** Fits almost any drill press table. For mortising, routing, planing or repetitive drilling. Fingers on hold-down prevent work from being lifted when chisel or drill is raised. Adjustable for thick or thin materials. Fence keeps work lined up. Attachment bolts to drill press table. Heavy cast iron construction.
9 A 2457—Shipping weight 5 lbs. 8 oz. . . . **$4.60**

M **CRAFTSMAN Rotary Planer.** Fits drill presses having No. 33 Jacobs taper and 1 1/16-in.x20-threaded side thrust nut or locking collar. Diameter 3⅜ in. With Allen wrench.
9 A 2745—Shipping weight 8 oz. **$5.25**

N **CRAFTSMAN Sanding Drums.** For drill presses, flexible shafts, electric drills, etc. 1-inch faces; ¾-inch plain spindle, 1½ inches long. Use with collet chuck.
9 A 2497—1½-in. diameter
Shipping wt. 5 oz. . . . . Each **85c**
9 A 2498—2 3/16-in. diameter.
Shipping wt. 6 oz. . . . . Each **95c**
9 A 2499—3-in. diameter.
Shipping wt. 9 oz. . . . . Each **$1.20**
9 A 2442—**Sanding Drum Sleeves.** Fine, medium or coarse grit. *State diameter and grit wanted.*
Shipping weight 3 oz. . . Package of 6. . . . . **39c**

Cutters and Cutter Sets

P **CRAFTSMAN 6-pc. Rotary Cutter Set.** High speed steel cutters; ¾-inch diameter shanks. For flexible shafts, electric drills, bench drills, etc. For carving, filing, milling, routing, chamfering on wood, plastic and metal (except hardened steel). One each of sizes and shapes listed below.
9 A 2965—Shipping wt. 6 oz. 6-pc. set. . . **$6.25**
Individual Rotary Cutters. Shpg. wt. ea. 3 oz.
9 A 2965—¼-inch Cylindrical shape. Ea. **$1.15**
9 A 2967—¼-inch Spherical shape. . . Ea. $1.15
9 A 2968—⅜-inch. Elliptical shape. . . Ea. 1.15
9 A 2969—¼-inch. Tree shape. (Radius end). . . . . Each 1.15
9 A 2970—⅜-inch. Tree shape. (Pointed end). . . . . Each 1.15
9 A 2971—¼-inch. Conical shape. . . Each 1.15

R **CRAFTSMAN Circle Cutters.** For small jobs. For standard bit brace. Cuts 1 to [illegible] in. diameter. Removable high speed bit.
9 A 3640—With set screw wrench.
Shpg. wt. 10 oz. **$2.25**

S **Heavy duty.** ½-in. shank for use in drill press, electric drill. Cuts holes 2 to 8 inches in diam. up to 1 in. deep. With removable high speed steel bit, set screw wrench.
9 A 3641—Shpg. wt. 10 oz. **$4.75**

CRAFTSMAN Drill Sets in handy metal cases. Drills are precision ground to assure clean, accurate, easy cutting action in wood or metal. Professional quality. Cases are marked for quick drill selection; serve as protective carrying kits or useful work bench stands. Use carbon steel bits for hand, breast or bench drills operating at relatively low speeds. Use high-speed bits for electric drills, drill presses and other power-driven tools.

T **CRAFTSMAN 7-piece High-speed Drill Set.** Professional quality. For use in power-driven tools. Sizes: 1/16, 3/32, 1/8, 5/32, 3/16, 7/32 and ¼-inch. Comes in convenient metal folding case. Shipping weight 7 ounces.
9 A 6689. . . . . **$2.65**

U **CRAFTSMAN 10-pc. Drill Sets.** Choice of carbon steel drills or high-speed. Sizes: 1/16, 5/64, 3/32, 7/64, ⅛, 9/64, 5/32, 3/16, 7/32 and ¼-inch.
9 A 6688—**Carbon steel.** Shpg. wt. 9 oz. Set. **$1.98**
9A6690—**High-speed steel.** Shpg. wt. 8 oz. Set **$3.50**

V **CRAFTSMAN 13-pc. High-speed Drill Set.** Professional quality. For use in electric driven tools. Includes the following sizes: 1/16, 5/64, 3/32, 7/64, ⅛, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32, 15/64 and ¼-inch. Shipping weight 12 oz.
9 A 6691. . . . . Set **$4.85**

CRAFTSMAN Carbon or High Speed Steel Drill Sets in Drill Stand. Hole sizes marked in stand. Use **carbon steel** for hand or breast drills; **high speed** for electric drills, drill presses.

W **CRAFTSMAN Sets of 29 Drills.** 1/16 to ½-in. by 64ths. Shpg. wt. 4 lbs. 2 oz.
9 A 6702—**Carbon steel**. **$10.75**
9 A 6704—**High speed**. $21.75

CRAFTSMAN Sets of 60 Wire Gauge Drills. (Not shown.) Sizes 1 to 60. Shpg. wt. 2 lbs. 12 oz.
9 A 6701—**Carbon steel**. **$9.95**
9 A 6707—**High speed**. $18.50

CRAFTSMAN High Speed Twist Drill Sets in handy metal folding cases. Professional quality. High speed steel, hardened and tempered. Precision ground for clean, easy cutting. Use in electric drills, drill presses, and other power-driven tools. In compact metal cases. Each case contains two drill panels which fold into box like pages of a book. Each compartment marked with proper drill size and decimal inch equivalent.

X 9 A 6719—**21-piece Drill Set.** Sizes: 1/16 to ⅜-inch by 64ths of an inch. Shipping weight 2 lbs. **$11.75**

Y 9 A 6720—**15-piece Drill Set.** Sizes: 1/16 to ½-in. by 32nds of an inch. Shipping weight 2 pounds 6 ounces. **$13.75**

Any order of over $20.00 qualifies for payment on Easy Terms. See inside back cover for details

Can be used with drill press head in regular position, or inverted, as shown above.

$11.50

$9.95

CRAFTSMAN Shaper Fence Attachment

Converts your drill press into a shaper! Ideal for the home craftsman. Fence gives support necessary in making picture frames, sashes and a large variety of mouldings and trimmings. Fits drill presses 99 AM 2314, 99 AM 2313, 99 AM 2364 and 99 AM 2362 on pages 30 and 31 or almost any other drill press.

Unit fastens to drill press table with wing nuts. Once installed, it can be left undisturbed during operation adjustments. Fence faces of hardwood, each 6¾ x 2¾ inches, have **separate** finger-tip micrometer type adjustments with 1½-in. maximum forward and back travel; and open from 1-inch for smallest diameter shaper cutter to 3-inch maximum for large cutters and sanding drums. Fence faces are planed to within .005-in. accuracy **after** assembly of unit. One-piece cast aluminum; has opening in back for chip outlet. Cutter enclosed for maximum safety. Adjustable steel hold-downs maintain constant pressure on work; have one-screw locks . . . no chatter or jumping. Hold-down assembly shifts quickly to either end of unit for regular or reverse feeding. (Cutters and attachments not included; see below.) Buy now . . . a valuable addition to your workshop.

9 A 2487—Shipping weight 5 lbs. **$11.50**

Dovetail Attachment

Makes perfect dovetail joints! Both pieces of wood are cut at the same time! Pieces to be dovetailed are held at right angles in clamp, and cutter is guided through one piece into the other. Complete with hardened steel spacing comb, to guide shank of router to predetermined depth; end plates; screw fittings and clamps for holding work; wood parts. Complete with instructions. Dovetail cutter bit not included. Use 9 A 2411 (below). Buy all your workshop needs on Sears Easy Terms. See inside back cover. Shipping weight 5 pounds 8 ounces.

9 A 2462—For ½-in. dovetailing only **$9.95**

A CRAFTSMAN Drill Press Shaper Set. Shapes almost any contour, including tongue and groove. 4½-in. high; ½x4½-in. spindle. Operates at 5000 R.P.M.; blade guard for safety. With 5 assorted tool steel blades (¾-in. wide) and Allen wrench. Use with ½-in. collet chuck or "Safe-Lock" chuck. Has blade guard for extra safety.
9 A 2486—Shpg. wt. 10 oz. **$2.85**

B Sash and Door Cutter Kit. Fits 99AM2392 (page 17) and former shaper 2381. 5 spring collars (⅛, ¼, 5/16, ½ and 1-in. wide) with ½-in. bore; sash cutter blade. Wrench; 3 recessed nuts (½x24, ½x20 and ½x16-in. thread). Use with 9A2483 adapter below.
9 A 2407—Shpg. wt. 8 oz. **$3.50**

C Adapter with holding collar for all ½-in. bore shaper cutters. Fits 99AM2314, 99AM2313, 99AM2362 and 99AM2364 (pages 30; 31); or any drill press with No. 33 Jacobs tapered spindle. Adapter has holding collar to screw on drill press. ½-in. x 20-thread.
9 A 2483—Shpg. wt. 10 oz **$1.79**

Tool Steel Woodworking Cutters. Use in drill press, portable routers, etc. For carving, round-end mortising, dovetailing, boring, round edging, reeding and routing. Precision ground to exact size, of finest quality tool steel. All have ¼-in. shanks. **Fit "Safe-Lock" chucks, and 9A2467 or 9A2271 collet chucks described at right. CAUTION: Never use these cutters in regular Jacobs or other 3-jaw chucks!**

Hold work against a fence to obtain parallel and accurate routing when using routing bits. (See 9A2457 hold-down guide, which is described on opposite page.) Shipping weight each 2 ounces.

[D] 9 A 2400—⅛-in. router **$1.25**
[E] 9 A 2401—¼-in. router **$1.30**
[F] 9 A 2402—⅜-in. router 1.35
[G] 9 A 2403—½-in. router 1.55
[H] 9 A 2404—⅝-in. router 1.80
[J] 9 A 2410—⅜-in. dovetail . . . 1.35
[K] 9 A 2411—½-in. dovetail . . . 1.55
[L] 9 A 2415—½-in. carving . . . 1.55
[M] 9 A 2416—¾-in. carving . . . 1.80

N CRAFTSMAN Power Wood Boring Countersink. Adapted for high-speed application in drill presses and electric drills. Accommodates full range of screw sizes. Has ¼-inch shank.
9 A 4205—Shpg. wt. 4 oz. **33c**

P Collet Chuck with Holding collar. For tool steel woodworking cutters listed at left, or any ¼ or ½-inch diameter shank. ½-inch capacity with ¼-inch bushing. Fits any drill press with No. 33 Jacobs taper spindle. Has holding collar to screw right on drill press. Replaces three-jaw chucks for any work developing side thrust, as in routing. Remember . . . Sears Easy Payment Plan makes it easy to equip your power tool shop. See inside back cover.
9 A 2467—Shpg. wt. 11 oz. **$1.80**

R Screw-on type Collet Chuck. Use with cutters listed at left. Fits any ½-in. x 20-thread spindle. Can be used with 9 A 2483 adapter at far left. Shipping weight 3 ounces.
9 A 2271—¼-inch capacity **$1.05**
9 A 2269—½-inch capacity **$1.30**

CRAFTSMAN Mortising Chisel Housing. Cut square holes with your drill press. Housing mounts on quill. Bit drills round hole; hollow chisel trims corners square. Makes drill press an accurate mortising machine.

S 9 A 2464—Mortising Chisel Housing. For presses 99AM 2314 and 99AM2313 (page 31), and 99AM2364 and 99AM2362 (page 30). Use with 9A2420 and 9A2422 (listed below) or almost any mortising chisel and bit. Shipping weight 3 pounds 8 ounces. . . . **$3.98**

9 A 2461F—**Mortising Chisel Housing.** Use with 9A2420 and 9A2422 (below) or almost any mortising chisel and bit. Shipped from factory in Kalamazoo, Mich. You pay transportation charges on delivery from there. Shipping weight 3 pounds **$4.25**

T 9 A 2420—Hollow Chisel. For use with 9A2464 or 9A2461F (above). ¼, ⅜, and ½-in. *State size.* Shpg. wt. 4 oz. . . . Ea. **$2.85**

U 9 A 2422—Mortising Bit. For use with 9A2420 (listed above). ¼, ⅜ or ½-in. *Please state size.* Shpg. wt. 4 oz. . . . Ea. **$1.75**

"Plug-in" Strips, in 2 lengths

Safe, UL approved metal strips provide separate outlets for each tool, light—eliminate unsafe "octopus" plugs. Fully wired, gray. ⅞x¾ in. high. Screw to wall. Attach extension cord, or install permanently. Wt. 2 lbs. ea.

V 34 A 5330—**3-ft. strip with 5 outlets** . . . **$3.49**
34 A 5331—**6-ft. strip with 4 outlets** **$4.49**

W 34 A 5332—**End Cap.** For permanent installations. Has ½-in. KO for connectors. Shipping weight 4 ounces. **65c**

Automatic! Ends fuse changing

$1.50 Each
4 for $5.00

Automatic "Mini-Breaker" . . . just push button to restore current. A tiny, permanent Circuit Breaker that screws in place of regular fuse. Automatically cuts current at once on dangerous overload, yet absorbs harmless temporary overloads from starting power tools. UL approved. Any 110-120-volt A.C. Shipping weight each 2 oz.

34 A 5162—State 15, 20 or 30 amp. Each **$1.50**. 4 for **$5.00**

UL Approved Wiring Boxes, Switches, Outlets

X Surface Mounting Utility Box. Fits standard toggle switch or duplex receptacle. Heavy 14-gauge steel. Has ⅜-inch knockouts for armored or non-metallic cable connectors or for ½-inch conduit. Screws to wall surface. Measures 4x2¼x2 inches deep.
34 A 5388—Shpg. wt. 10 oz. . . Each **22c**
Steel Covers for Box (X) above. With screws. Shipping wt. 3 oz. each.
[Y] 34 A 5389—**Cover for switch.** Ea. **12c**
[Z] 34 A 5390—**For duplex outlet.** Ea. **12c**

AA Flush Mounting Boxes for standard switch or receptacle. Heavy 14-gauge steel; 2½ inches deep. Adjustable brackets for installing flush with wall surface. Removable sides for joining 2 or more boxes. Each has ½-inch knockouts for cable or ½-inch conduit. Two double clamps. Shpg. wt. 12 oz. each.
34 A 5383—**For non-metallic cable.** Ea. **30c**
34 A 5382—**For steel-armored cable.** Ea. **30c**

BB Homart Single-pole Toggle Switch. "T"-rated. 10-amp., 115-volt. Bakelite body. With screws. Wt. 3 oz.
34 A 5247—Brown. . . . . Each **37c**
34 A 5256—Ivory color . . . . . Each **39c**

CC Homart Duplex Outlet. Extra long-life. 15-amp., 115-volt. Contacts grip both sides of plug tighter than usual contacts. Plastic body. With screws. Shpg. wt. 3 oz. each.
34 A 5245—Brown. . . Each **29c**
34 A 5246—Ivory color . . Ea. **33c**
Plastic Wall Plates for switch or duplex outlet. Mounting screws included. Shpg. wt. 1 oz. each.

DD Plate for toggle switch (BB).
34 A 5291—Brown Each **9c**
34 A 5301—Ivory-color **10c**

EE Plate for duplex outlet (CC).
34 A 5295—Brown Each **9c**
34 A 5304—Ivory-color **10c**

FF Homart ¾-in. Plastic Tape. Our finest all-purpose tape! Use it indoors or out. Gives complete electrical and mechanical protection. This one tape does the work of rubber and friction tape both . . . saves work.
34 A 5002—**30-ft. roll.**
Shipping weight 3 ounces . . **69c**
34 A 5003—**66-ft. roll.**
Shipping weight 5 ounces. **$1.35**

$10.95
24-inch

Plug-in Portable Fluorescent Work Light

Hooks and Hanging Chains Included

The ideal soft light you need, but seldom get in home work areas. Easy to install . . . no wiring. Screw in ceiling hooks, hang on chains, then plug 3-ft. cord into any 110-120-volt 60-cycle AC wall or ceiling outlet. UL approved. With hooks and chains.

Two 20-watt bulbs (included) give more light than 100-watt incandescent light. If more light is needed, order double size, below. Blue-gray enameled steel. White reflector. 24x11 in. Extends down 22 in., adjusts to 5¼ in. Can be permanently flush mounted also, if desired.
34 A 03746—**With 20-w. bulbs.** Wt. 10 lbs. **$10.95**

Same, but Double size, 50x11¾ in., with two 40-watt bulbs. Has high power factor.
34 A 03747L—Shpg. wt. 25 lbs. **$17.95**

New CRAFTSMAN Tool Benches for almost Any Bench-type Power Tool

Legs adjust easily and quickly for uneven floors

Pivot motor mount (see below); no need for jack shaft

Special leg angle design keeps tension constant

Feet are punched for mounting wheel set listed below.

Power Tool	Catalog Number	Bench Recommended	Belt Length	Pulley Diam. Bore	Additional Items Required
Band Saw	99AM2430	99A01048K	54 in.	3 in.-½ in.	None
	99AM2428	99A01048K	60 in.	2 in.-½ in.	None
Belt Sander	99A02236	99A01048K	47 in.	Included	None
	99A02235L	99A01048K	60 in.	Included	None
Bench Saw	99AM2752	99A01042L	Included	Included	None
	99A02216L	99A01042L	Included	Included	None
	99A02424L	99A01042L	50 in.	2 in.-½ in.	2-9A2001
	99A02466L	99A01048K	52 in.	4 in.-½ in.	None
Drill Press	99AM2313	99A01048K	Included	Included	None
	99AM2364	99A01048K	Included	Included	None
	99AM2362	99A01048K	Included	Included	None
Grinders	99A06614	99A01048K	52 in.	5 in.-½ in.	None
Grinder Hone	99A02267K	99A01048K	58 in.	4 in.-½ in.	None
Grindstone	99A06620K	99A01048K	45 in.	1½ in.-½ in.	None
Hacksaw	99A02294L	99A01048K	44 in.	1½ in.-½ in.	None
Jig Saw	99AM2344	99A01043K	45 in.	3 in.-½ in.	None
	99AM2315	99A01048K	64 in.	2 in.-½ in.	None
	99A02179K	99A01048K	54 in.	2 in.-½ in.	None
Jointer-Planer	99A02334L	99A01048K	54 in.	5 in.-½ in.	None
	99AM2390	99A01043K	41 in.	2½ in.-½ in.	None
Thickness Planer	99AM2370	99A01048K	64 in.	2½ in.-½ in.	None
	99AM2349F	99A01042L	68 in.	6 in.-⅝ in.	2-9A2001 Rails
Swing Saw	99AM2545	99A01042L	Included	Included	None
Shaper	99AM2392	99A01042L	Included	Included	None

Improved design assures "rock-steady" support

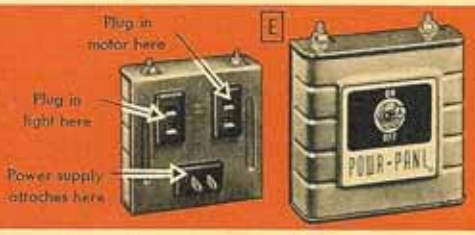
A **14x28 inches. Adjustable in height from 27½ to 31½ inches.** For almost every power tool. Tension-bolted steel frame. Floor leveling adjustment. New pivot motor mount . . adjusts to any standard motor. Cross slide rails shock mounted . . new cross slide clamps hold better. Legs punched for wheel set (see below). Complete with 2 cross slides, hardware, and instructions. Easily and quickly assembled into a heavy duty tool bench.
99 A 01048K—Shpg. wt. 27 lbs. . . **$10.95**

9 A 2023—**Extra Cross Slide Rails.** Rounded ends. For 99 A 01048K above. Shipping weight 2 lbs. 8 oz. . . . . Each **85c**

B **26x26x25 inches.** Tension-bolted construction gives greater rigidity . . smothers vibrations! New cam-action clamps permit easy mounting of tools. Legs adjust for uneven floors. Punched for wheel set (below). Slide rails shock mounted. With 2 cross rails, bolts, instructions.
99 A 01042L—Shpg. wt. 41 lbs. **$15.95**

Heavy Duty Power Tool Bench. As above only longer (26x44 in.) and with sliding motor mount. With 4 cross rails, bolts.
99 A 01043L—Shpg. wt. 60 lbs. **$21.50**

99 A 02001—**Extra Cross Slide Rails.** For 99 A 01042L and 99 A 01043L above. Shipping weight 3 lbs. 4 oz. **$1.95**



Switch and Power Panel

D An extra heavy-duty switch and power panel for your work bench. Especially suited for industrial uses. Safer, more convenient way of turning power on and off. Double pole switch breaks both sides of power line. Mounting bolts included for adapting to wood or metal benches.

Extra heavy duty 1½-H.P. rated switch . . 125-250 volts, AC or DC. Heavy gauge steel receptacle box with 8 foot 14-gauge rubber cord and unbreakable plug. Heavy Bakelite receptacle in rear to plug in motor. This is a "must" item for each work bench and power tool in your shop. They're easy to install and time savers too! Shipping weight 3 pounds.
9 A 1923 . . . . . **$12.50**

CRAFTSMAN Powr-Panl

E **Powr-Panl** spells the safer way to hook up power tools, motor and tool light. Convenient too, no more reaching over moving parts to turn motor on and off. Toggle switch located on front of receptacle box. Fits benches listed above and pedestal stands listed on facing page. Has brackets for adapting to other wood or metal benches.

Underwriters' Laboratories approved. Heavy duty 1-H.P. rated switch, 125-250 volts, AC or DC. Easy to install and use. One double prong receptacle receives the power . . two cube taps to plug in motor and light. You need one for each work bench in your shop.
9 A 2120—Shipping weight 1 pound **$3.95**

Caster Set

F Heavy-duty, easy-rolling caster set for tool benches, work bench, cabinets, etc. Large 2-inch diameter wheels with ball bearing swivels. These casters make it easy to move power tools and work benches from one part of the workshop to another. Set of four; two with foot brakes. Threaded 5/16-inch diameter; ¾-inch lengths. Complete with nuts. Easy to install. Additional accessories listed below.
9 A 2736—Shpg. wt. 2 lbs. **$2.49**

Wheel Set

G **CRAFTSMAN.** Fit power tool benches listed above. Feet punched . . ready to attach. Permits easy moving of bench and power tool. Made from heavy-duty plate steel. Hard rubber wheels resist grease and oils. Set consists of 2 wheels.

Bench is moved with same principle as moving wheelbarrow. Be sure to order a set for each power tool bench in your workshop. Shipping weight 2 pounds 4 ounces.
9 A 2244 . . . . . Set **$1.95**

H **CRAFTSMAN Incandescent Tool Light.** Rigid tubular steel arms adjust on 3 swivel ball and socket joints. Takes 60-watt lamp. Fits benches listed above. UL approved. 4½-ft. cord.
9 A 2537—Shipping weight 2 lbs. 2 oz. **$4.49**

J **Tool Light.** Metal "C" clamp fastens to bench or power tool. Ideal for bench saws, jointer-planers, shapers, etc. Easy adjusting 18-in. flex-cable. Triangular shade turns full 360 degrees. Interlocking socket won't pull apart. Attractive gray finish. With 6-ft. cord. UL approved.
9 A 2536—Shipping weight 3 lbs. **$3.59**

K **Cabinetmaker's Steel Clamp.** Steel T-bar 1½x½x3/16-in. Has sliding jaw . . locks in notches. 1⅞-in. face.
99 A 06676—*Please state size wanted.*
Opens to 3-ft. Shpg. wt. 8 lbs. . . . **$5.49**
Opens to 4-ft. Shpg. wt. 9 lbs. **$6.15**

L **Gluing Clamp.** Adjustable pipe style. Use with ¾-in. threaded pipe (not included). Sliding jaw has 1¾x1⅞-in. face. Non-slip lever lock. Malleable iron construction. Cap for end of pipe.
9 A 6674—Shpg. wt. 3 lbs. 14 oz. **$2.65**

M **Improved Gluing Clamp.** Designed to fit any length 2x4.
9 A 6673—Shpg. wt. 4 lbs. 8 oz. . . . **$2.65**

N **Aluminum Alloy C Clamp.**
9 A 6670—*State size wanted.*
Opens to 1 in. Shpg. wt. 2 oz. **33c**
Opens to 2 in. Shpg. wt. 3 oz. 39c
Opens to 3 in. Shpg. wt. 8 oz. 75c
Opens to 4 in. Shpg. wt. 13 oz. . . . $1.10

P **Malleable Iron C Clamps.**
9 A 6667—*State size wanted.*
Opens to 1 in. Wt. 2 oz. **21c**
Opens to 2 in. Wt. 5 oz. 25c
Opens to 3 in. Wt. 1 lb. 8 oz. 98c
Opens to 4 in. Wt. 2 lbs. 2 oz. $1.20
Opens to 5 in. Wt. 2 lbs. 8 oz. 1.40
Opens to 6 in. Wt. 3 lbs. 2 oz. 1.60
Opens to 8 in. Wt. 4 lbs. 8 oz. 2.65

R **Craftsman Corner Clamp and Miter Vise.** For efficiently clamping together picture frames, screens, trim, storm windows, miter or butt joints, etc. Holds work at 90° angle. Made of special lightweight aluminum alloy of great strength. Will not buckle or force mitered joint apart. Open construction permits easy nailing or stapling of wood; also permits excess glue to be wiped off. Handles dimensional lumber and trim up to 3 inches wide. Shipping wt. 12 oz.
9 A 6666 . . . . . Each **$1.39**

New Pedestal-Type Power Tool Stands!

CRAFTSMAN Space-Saving Design provides maximum support in minimum of space

These NEW CRAFTSMAN Pedestal-type Tool Stands have features found in no other tool stand. You get mobility, rigidity, and compactness . . . AND at a low price.

Stands have easy-rolling ball-type casters which may be purchased as accessories (see below) . . you can move any power tool in your shop from one place to another. You get extra rigidity . . heavy cast iron base provides maximum support; high quality steel column and cast iron bracket that supports the tool absolutely level. Engineers designed these stands to provide you more room in your workshop. The motor mount fits snugly under the power tool or to the rear . . all in one unit. When you're not using the tools, four or five can be stored in one corner making room for other projects.

There is a CRAFTSMAN pedestal-type Power Tool Stand for every power tool in your workshop. (See chart at right.) We believe this is the largest assortment offered today by anyone. They can be used in machine shops, garages, factories, farms and in home workshops. Metal guard accessory. Sturdy guard fits compactly and rigidly over V-belt leading from motor to power tool providing maximum safety for operator. Order from table at right.

Casters for Pedestal-type Power Tool Stands above. Set of 4 easy-rolling. Easy to install in base.
9 A 2819—Shipping weight 2 pounds **$3.25**

CRAFTSMAN Pedestal-type Tool Stands				Tool Stand Guards			
Catalog No.	Fits Tool	Shpg. Wt. Lbs.	Price	Catalog Number	Shpg. Wt. Lbs.	Shpg. Wt. Oz.	Price
[A] 99 A M2954	10-in. Bench Saw—99AM2752	65	$21.00	None	. . . . .		. . . . .
[B] 99 A 02956L	8-in. Bench Saw—99A02216L	60	21.00	None	. . . . .		. . . . .
[C] 99 A 02203L	8-in. Bench Saw—99AT2424L	51	19.50	None	. . . . .		. . . . .
[D] 99 A 02226L	Wood Shaper—99AM2392	40	15.50	None	. . . . .		. . . . .
[E] 99 A 02958L	18-in. Jig Saw—99AM2315	54	21.00	9A2911	4	4	$2.75
[F] 99 A M2227	24-in. Jig Saw—99AM2344	75	26.50	9A2947	4	8	4.25
[G] 99 A 02224L	Thickness Planer—99AM2370	53	19.50	None	. . . . .		. . . . .
[H] 99 A M2957	2-wheel Band Saw—99AM2428	48	18.95	9A2907	3	12	2.75
[J] 99 A 02223L	3-wheel Band Saw—99AM2430	50	19.50	9A2907	3	12	2.75
[K] 99 A 02959L	4-in. Jointer-Planer—99A02334L	55	21.00	9A2907	3	12	2.75
[L] 99 A M2960	6-in. Jointer-Planer—99AM2390	88	25.50	9A2908	3	12	3.75
[M] 99 A 02240L	6-in. Sander—99A02235L	51	19.50	9A2948	3	8	2.75
[N] 99 A M2249	Wood Turning Lathe—2160 or 99 A M2307	73	25.50	None	. . . . .		. . . . .

Be sure to state Tool Stand and Tool Guard Catalog Number when ordering.

CRAFTSMAN Steel Benches, Accessories

Keep your workshop organized . .
Make your workbench the handiest place possible

These workshop aids have been especially developed and designed for use in every type workshop. They are ideal for factories, machine shops, home workshops, etc. You can do better work in a workshop that is well organized.

CRAFTSMAN Wall-Hung Tool Storage Racks. The most convenient tool storage rack we've seen. Hang steel panel racks on workshop wall to keep tools out of the way. Wise home owners buy one for the garage too . . keep garden tools neat and handy. Heavy-gauge steel. Each panel 11 inches wide. 35½ inches high. Tool holders (12 with each panel) fit into 1½ in. slots. Gray finish. Two racks (one 2-panel, one 3-panel) hold up to 40 tools! Tools, light fixture, work bench not included.

99 A 02384—2-panel Rack.
Shipping weight 18 pounds **$8.50**

99 A 02385K—3-panel Rack. (Shown at right.) Shpg. wt. 27 lbs. **$11.25**

99 A 02386K—4-panel Rack.
Shipping weight 32 lbs **$13.75**

Incandescent Light Fixture. Double end lamp-holder for two bulbs. Shade swivels and support arm adjust vertically. Bracket furnished has rubber bumpers for use on tool panels (listed above). Used without bracket, may be attached to wall or ceiling for permanent mount. Steel with gray and white finish. 7-ft. cord and plug. UL approved. 110-120 volt, AC-DC. (Bulbs not included.)
99 A 02381—Shpg. wt. 7 lbs. **$4.95**

Combinations. CRAFTSMAN Work Benches with Steel Drawers.

99AMT1044—Includes bench (99AMT1029M) and two drawers (99A02171M) below. Shipping weight 94 pounds . . . **$29.00**

99AMT1045—**Larger bench.** Includes bench (99AMT1030M) and two drawers (99A 02171M) below. Shpg. wt. 111 lbs. . **$35.00**

CRAFTSMAN Steel Work Bench. Pressed, bonded wood top, SOLID—harder than maple! Top size 47⅜x23⅝x1½-in. Steel legs; adjustable for uneven floors; gray finish. 34½ in. high. Bolts for assembling included. Drawers not included.
99 A MT1029M—Shpg. wt. 76 lbs. . **$22.95**
99 A MT1030M—Same as above but larger. Top size, 68x23⅝x1½-in. Shipping weight 93 lbs. **$28.95**

Steel Drawers. (Two shown on bench.) For small tools, etc. Fit CRAFTSMAN work benches 99 A MT1029M and 99 A MT1030M above. Overall size 18 11/16x 15⅝x5 9/16-in.
99 A 02171M—Shpg. wt. 9 lbs. Each **$3.25**

CRAFTSMAN Powr-Strip. Features convenience of electrical outlets plus safety of built-in circuit breaker. 3 power receptacles . . built-in 15 amp. circuit breaker. 36-in. long. On-off switch.
99 A 02130—Shpg. wt. 4 lbs. **$6.95**

[P] **Saw Horse Brackets.** Need no nails or bolts. Easy to set up and take down. Steel . . . enamel finish. (Use 2x4s—not included). Shpg. wt. 6 lbs.
9 A 2849 . . . . . Pair **$3.39**

[R] **DUNLAP Saw Horse Brackets.** Use with nails. Hinge action provides easy folding of saw horse. Enameled steel. (Use 2x4s—not included). Shpg. wt. 2 lbs. 8 oz.
9 A 2887 . . . . . Pair **$1.79**

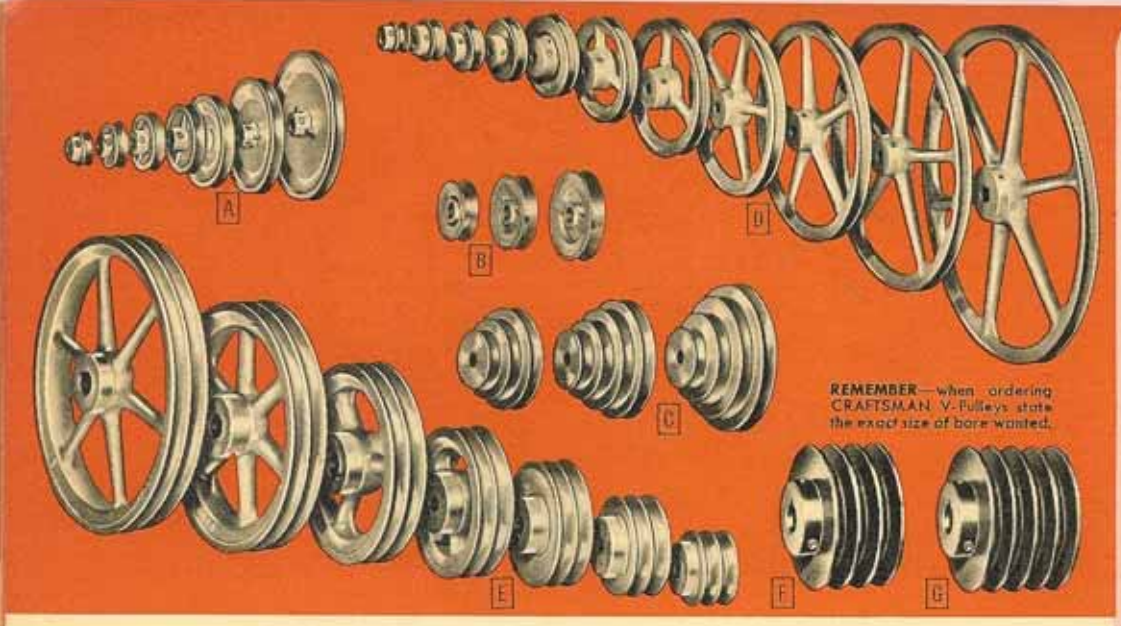


Table of Pulley Speeds

Use this table to determine the speed of your machine with varying sizes of motor and machine pulleys. Figures given are for use with belt at proper tension and a standard motor speed of 1750 R.P.M. Check the EXAMPLE given below—then you'll be sure of ordering the correct size pulley for your machine.

In. Diam. Driving Pulley	Diameter in Inches of Machine or Driven Pulley					
	1½	2	2½	3	4	5
1½	1725	1290	1030	860	645	520
2	2300	1725	1380	1150	860	690
2½	2890	2160	1725	1440	1080	860
3	3450	2590	2070	1725	1290	1030
4	4600	3450	2760	2300	1725	1380
5	5750	4310	3450	2870	2160	1725
6½	7460	5600	4490	3740	2800	2240

EXAMPLE—the machine has a 2-in. pulley and should run 3450 or 3500 R.P.M. What size pulley should be used with a 1750 R.P.M. motor? From the table above, follow down the vertical 2-in. column to the speed of 3450, then to the left in column headed "Diameter of Driving Pulley." The answer is a 4-inch diameter pulley.

How to figure pulley diameter for engine. Multiply diameter of driven pulley by speed (R.P.M.) of driven machine. Divide result by the speed (R.P.M.) of engine. Result is diameter of machine pulley.

How to figure machine pulley diameter. Multiply diameter of engine pulley by speed (R.P.M.) of engine. Divide result by speed (R.P.M.) at which driven machine will run. Result is diameter of machine pulley.

CRAFTSMAN V-Pulleys . . Precision balanced

REG. U. S. PAT. OFF.

CRAFTSMAN pulleys are scientifically designed for greatest working efficiency and are carefully and accurately made to give you top working performance from your machinery or power tools. All the belt grooves are painstakingly machined to run true. All bores are reamed to exact size. Diameters given in the table listings below refer to outer edge of pulleys, not to bottom of the groove. *Before ordering, carefully check diameter and bore size wanted.*

CRAFTSMAN single groove V-Pulleys

A **Made of tough alloy die cast metal.** Strong flanges and hubs; machined grooves and reamed bores. One Allen head hardened set-screw insures positive locking of pulley on shaft. For ⅜-in. (O section) or ½-in. (A section) V-belts, except 9A2800, which is for use with ⅜-in. (O section) belt only. *State bore size.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2800	1½ in.	½	3 oz.	35c
9 A 2801	2 in.	½, ⅝	5 oz.	45c
9 A 2802	2½ in.	½, ⅝, ¾	6 oz.	50c
9 A 2803	3 in.	½, ⅝, ¾	7 oz.	55c
9 A 2804	4 in.	½, ⅝, ¾	10 oz.	75c
9 A 2805	5 in.	½, ⅝, ¾	15 oz.	90c
9 A 2806	6 in.	½, ⅝, ¾	1 lb. 6 oz.	$1.30

CRAFTSMAN hubless V-Pulleys

B **Made of tough alloy die cast metal.** Permit use of pulleys side by side for multiple drives. Machined grooves and reamed bores. One Allen head hardened set-screw locks pulley on shaft. For ⅜-inch (O section) or ½-inch (A section) V-belts. *State bore size wanted.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2901	2 in.	½, ⅝	6 ounces	55c
9 A 2902	2½ in.	½, ⅝, ¾	9 ounces	56c
9 A 2903	3 in.	½, ⅝, ¾	11 ounces	67c

CRAFTSMAN cone-type V-Pulleys

C **Made of tough alloy die cast metal.** Use in pairs for variable speed applications. Three and four step. One Allen head, hardened set-screw locks pulley on shaft. For ⅜-in. (O section) or ½-in. (A section) V-belts. Have ½, ⅝ or ¾-inch bore. *State bore size.*

Cat. No.	Size	Diam., step, in.	Shpg. wt.	Each
9 A 2788	3⅛ in.	3¾, 2⅝, 2	1 lb.	$1.15
9 A 2792	4 in.	4, 3⅛, 2⅝, 2	1 lb. 10 oz.	1.50
9 A 2793	5 in.	5, 4, 3, 2	1 lb. 14 oz.	1.70

CRAFTSMAN single-groove V-Pulleys

D **Made of heavy cast iron.** Heavy duty for production work in the shop, household or on the farm. Use to replace single groove V-pulleys on any type electric motor or gas engine. Positive grip grooves are expertly machined and bores are accurately reamed. CRAFTSMAN single groove V-pulleys have hollow-head, hardened set-screw. Standard keyways in ⅝-inch or larger bores. The grooves fit ⅜-inch (O section) or ½-inch (A section) wide V-belts. *Order by catalog number and please remember to state clearly the size of bore which you require.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2880	1½ in.	½	9 oz.	55c
9 A 2881	2 in.	½, ⅝	11 oz.	60c
9 A 2882	2½ in.	½, ⅝, ¾	15 oz.	70c
9 A 2883	3 in.	½, ⅝, ¾	1 lb. 7 oz.	80c
9 A 2884	4 in.	½, ⅝, ¾	2 lbs. 3 oz.	$1.05
9 A 2885	5 in.	½, ⅝, ¾	2 lbs. 7 oz.	1.35
9 A 2886	6 in.	½, ⅝, ¾, 1	3 lbs.	1.60
9 A 2808	8 in.	½, ⅝, ¾, 1	3 lbs. 15 oz.	1.85
9 A 2810	10 in.	½, ⅝, ¾, 1	4 lbs. 7 oz.	2.15
9 A 2812	12 in.	½, ⅝, ¾, 1	5 lbs. 11 oz.	2.80
9 A 2814	15 in.	¾, 1	9 lbs. 11 oz.	5.40

CRAFTSMAN two-groove V-Pulleys

E **Made of heavy cast iron.** Balanced and true running, strong enough for heavy production work. Use on electric motors or gas engines on industrial, farm, workshop or household machines. Standard keyways provided in all bores listed in table below. Two hardened, hollow-head set-screws. With wrench. For V-belts ½-in. (A section) or ⅝ in. (B section) wide.

9 A 2904—*State pulley diameter and size bore wanted.*

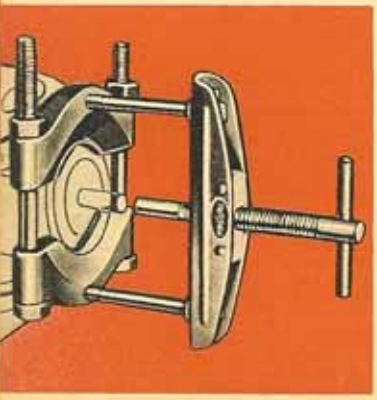
Diameter	Bore, inch	Shpg. wt.	Each
3 in.	⅝, ¾, 1	2 lbs. 11 oz.	$2.80
4 in.	⅝, ¾, 1	4 lbs. 1 oz.	3.50
5 in.	¾, 1, 1⅜	5 lbs. 9 oz.	3.85
6 in.	¾, 1, 1⅜	6 lbs. 6 oz.	4.50
7.8 in.	1, 1⅜	9 lbs. 11 oz.	5.65
9.8 in.	1, 1⅜	12 lbs.	6.40
12.8 in.	1, 1⅜	14 lbs.	7.75

CRAFTSMAN 3 and 4-groove V-Pulleys

F G **Heavy duty.** Accurately machined grooves; precision reamed bores. Made of heavy cast iron; balanced; true running. Keyway sizes: from ½-in. through 9/16-in., bores, no keyway; from ⅝-in. through 15/16-in., 3/16-in. keyway; from 15/16-in. through 1¼-in., ¼-in. keyway; from 1 5/16-in., through 1 7/16-in., ⅜-in. keyway. Allen head screws and Allen head wrench included. Keys not included. Bore sizes: 3.8, 4, and 4.6-in. diameter, ½ through 1¼ in. by 1/16-in. variations; remainder have bore sizes ranging from ½-in. to 1½-in. by 1/16-in. variations. Shipped from factory in Chicago; order and pay shipping charges from your Sears mail order house. *Order by catalog number and state pulley diameter and bore.*

Diam. inches	F 3-Groove		G 4-Groove	
	Shpg. wt.	Each	Shpg. wt.	Each
	9 A 2905F		9 A 2906F	
3.8	3 lbs. 8 oz.	$6.25	4 lbs. 12 oz.	$7.35
4	3 lbs. 8 oz.	6.30	5 lbs. 4 oz.	7.50
4.6	5 lbs.	6.50	6 lbs. 8 oz.	7.95
5	5 lbs. 12 oz.	6.85	7 lbs. 8 oz.	8.50
5.6	6 lbs. 8 oz.	7.35	8 lbs. 12 oz.	9.25
6	7 lbs.	7.80	10 lbs.	9.95
7	8 lbs. 8 oz.	9.25	13 lbs.	11.75
	99 A 2905LF		99 A 2906LF	
7.8	14 lbs.	$10.25	16 lbs.	$12.95
9	16 lbs.	11.50	19 lbs.	14.25
9.8	17 lbs.	12.25	20 lbs.	15.25
11.4	20 lbs.	14.25	23 lbs.	16.95
12.8	23 lbs.	15.25	26	18.50
15.8	30 lbs.	18.50	34	22.95
18.8	43 lbs.	22.95	45	26.95

The pulleys on this page were designed to fit CRAFTSMAN and other makes of tools. CRAFTSMAN V-belts (on facing page) were manufactured to match CRAFTSMAN pulleys or any other make of a corresponding line.



CRAFTSMAN Pulley Remover. An excellent sheave and pulley remover for small V-drive pulleys when frozen fast on electric motors or other power tool shafts, and for removing drive sheaves.

Fits single or multiple groove pulleys, gears, bearings, etc. Eliminates pulling on outer flange. Easy to operate. Just clamp in V-groove of sheave or pulley . . . the pulling strain is distributed evenly around a great part of the circumference. Gives a positive non-slip grip. Has capacity of 1¾ to 4½ inches. Strong steel construction.

Handy for the home workshop or for the man who does set-up and mechanical repair work. Shipping weight [illegible] lbs.

9 A 4696 . . . . . **$2.98**

H **Socket Set Screws.** Replace protruding set screws. Can be screwed flush with surface. Tough alloy steel. Shpg. wt. each 2 oz.

9 A 2809—*Please state diameter and length.*

Diameter	Length	Threads to in.	Each
¼ inch	¼ inch	20	5c
¼ inch	½ inch	20	5c
3/16 inch	3/16 inch	18	5c
5/16 inch	½ inch	18	5c
⅜ inch	⅜ inch	16	5c

J **9-piece Set Screw Wrench Set.** For above set screws. Made of tempered tool steel. In convenient plastic holder. Wrenches held securely in holder by Neoprene rubber device; will not fall out when holder is tipped. Fit socket set screws Nos. 4, 6, 8, 10 and ¼, 5/16, ⅜, 7/16, and ½ inch.

9 A 2807—Shipping weight 10 oz. . . . . Set **98c**

9 A 2813—**Individual sizes.** *Please state hex. size wanted.* Shpg. wt. each 1 oz.

Hex. size ⅛-in.; fits ¼-in. set screw **9c**

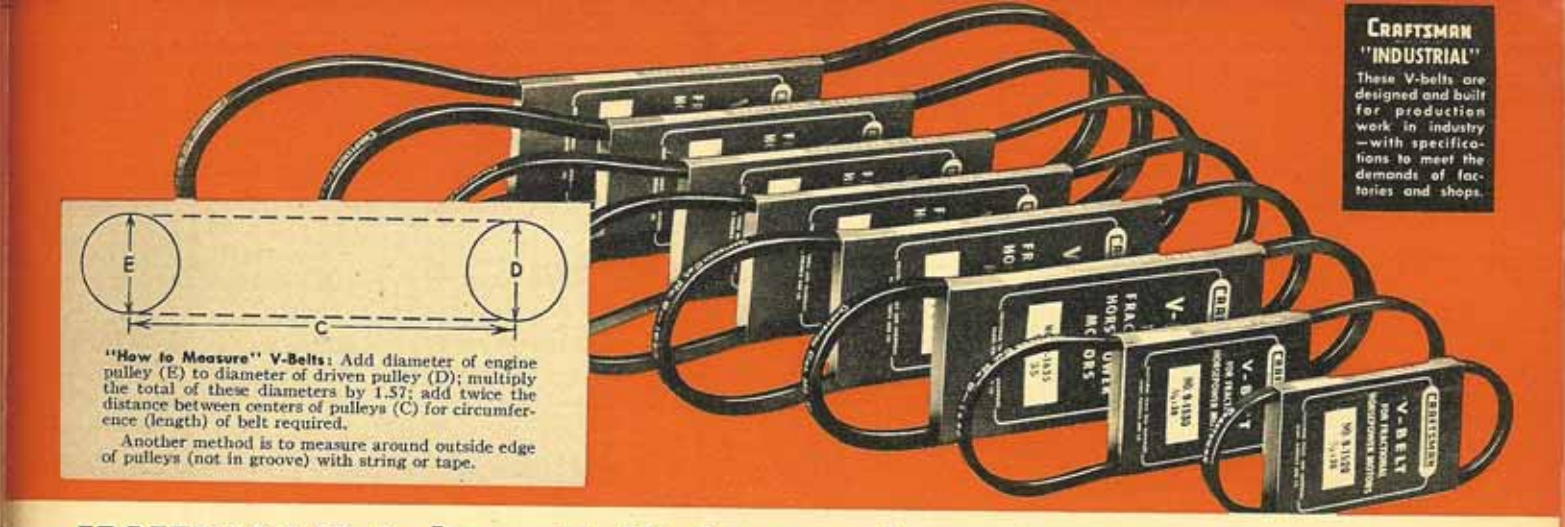
Hex. size 5/32-in.; fits 3/16-in. set screw **9c**

Hex. size 3/16-in.; fits ⅜-in. set screw **9c**

Hex. size 7/32-in.; fits 7/16-in. set screw **9c**

Hex. size ¼-in.; fits ½-in. set screw **9c**

9 A 4669—**9-piece Set Screw Wrench Set.** Same as 9 A 2807 above, but in handy plastic pouch. Fit socket set screws Nos. 4, 6, 8, 10 and ¼, 5/16, ⅜, 7/16 and ½-in. Shpg. wt. 5 oz. . . . . Set **75c**



CRAFTSMAN "INDUSTRIAL"
These V-belts are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

"How to Measure" V-Belts: Add diameter of engine pulley (E) to diameter of driven pulley (D); multiply the total of these diameters by 1.57; add twice the distance between centers of pulleys (C) for circumference (length) of belt required.

Another method is to measure around outside edge of pulleys (not in groove) with string or tape.

CRAFTSMAN V-Belts . . Built for maximum power transmission

REG. U. S. PAT. OFF.

CRAFTSMAN V-belts are highest quality . . . expertly made from the finest materials available in order to give you the utmost satisfaction. Each belt has an extra heavy, closely woven cotton jacket wrapped around pliable, heat-resistant rubber. Reinforcing cords are pre-treated in liquid rubber.

⅜-inch V-Belts

CRAFTSMAN quality. Correct size for use on drives over small diameter pulleys. See "How to Measure" above.

½-inch V-Belts . . for most applications with V-pulleys

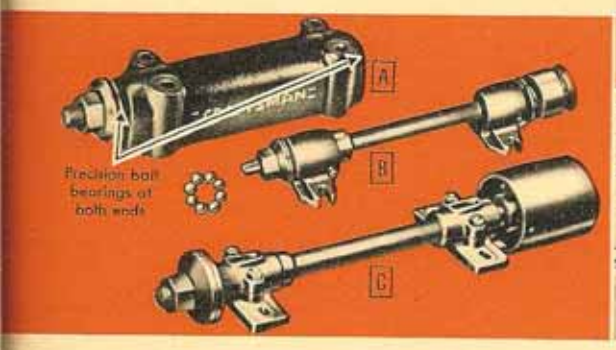
Genuine CRAFTSMAN quality. The correct size for most applications with V-pulleys, 2 inches in diameter or larger. Gives positive non-slip grip along sides of V-pulley grooves. Be sure to order the correct size V-belt. See "How to Measure" above at left.

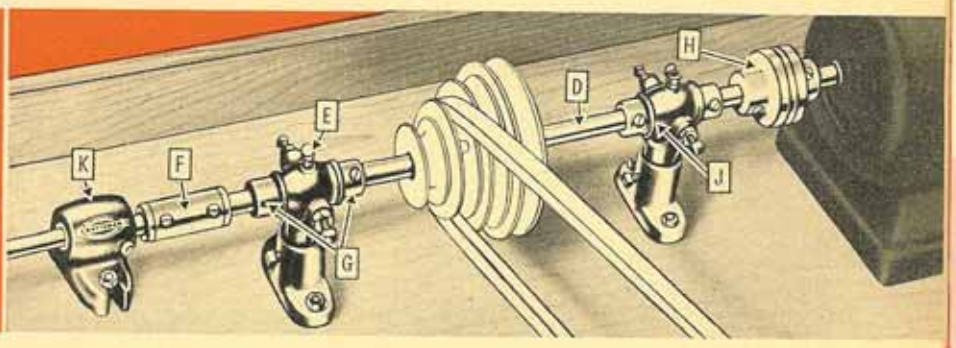
Why not replace your worn-out V-belt with a long-wearing, true-running CRAFTSMAN V-belt today . . . you'll speed up production and cut costs immediately.

Cat. No.	Length	Shpg. wt.	Each
9 A 1520	20 in.	4 oz.	50c
9 A 1522	22 in.	4 oz.	50c
9 A 1524	24 in.	4 oz.	50c
9 A 1526	26 in.	4 oz.	55c
9 A 1528	28 in.	4 oz.	55c
9 A 1530	30 in.	4 oz.	55c
9 A 1532	32 in.	4 oz.	60c
9 A 1534	34 in.	4 oz.	60c
9 A 1536	36 in.	4 oz.	65c
9 A 1537	37 in.	4 oz.	65c
9 A 1538	38 in.	4 oz.	65c

Be sure to order the correct size V-belt. See "How to Measure" above before ordering.

Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each
9 A 1622	22 in.	4 oz.	50c	9 A 1637	37 in.	6 oz.	70c	9 A 1650	50 in.	7 oz.	80c
9 A 1624	24 in.	4 oz.	50c	9 A 1638	38 in.	7 oz.	70c	9 A 1651	51 in.	7 oz.	90c
9 A 1625	25 in.	4 oz.	50c	9 A 1639	39 in.	7 oz.	70c	9 A 1652	52 in.	7 oz.	90c
9 A 1626	26 in.	4 oz.	55c	9 A 1640	40 in.	7 oz.	70c	9 A 1654	54 in.	7 oz.	90c
9 A 1628	28 in.	4 oz.	55c	9 A 1641	41 in.	7 oz.	75c	9 A 1656	56 in.	8 oz.	$1.00
9 A 1629	29 in.	4 oz.	55c	9 A 1642	42 in.	7 oz.	75c	9 A 1658	58 in.	8 oz.	1.00
9 A 1630	30 in.	5 oz.	55c	9 A 1643	43 in.	7 oz.	75c	9 A 1660	60 in.	8 oz.	1.00
9 A 1631	31 in.	5 oz.	60c	9 A 1644	44 in.	7 oz.	75c	9 A 1662	62 in.	8 oz.	1.10
9 A 1632	32 in.	5 oz.	60c	9 A 1645	45 in.	7 oz.	75c	9 A 1664	64 in.	8 oz.	1.10
9 A 1633	33 in.	5 oz.	60c	9 A 1646	46 in.	7 oz.	80c	9 A 1666	66 in.	9 oz.	1.15
9 A 1634	34 in.	6 oz.	60c	9 A 1647	47 in.	7 oz.	80c	9 A 1684	84 in.	10 oz.	1.35
9 A 1635	35 in.	6 oz.	60c	9 A 1648	48 in.	7 oz.	80c	9 A 16100	100 in.	11 oz.	1.60
9 A 1636	36 in.	6 oz.	70c								





Make your own Bench Saw with CRAFTSMAN Mandrels

A **CRAFTSMAN ball bearing Saw Mandrels.** For building a saw table, a grinder, or use as a jack shaft, etc. Designed for easy, accurate mounting. Cast iron housing . . designed to bring shaft close under top of table. Over-size precision ball bearings; grease sealed. Right hand thread only.
9 A 4948—Size 00. ⅝-in. shaft turned down to ½-in. at ends. Threaded ½x20. Length 9 13/32-in. Shipping weight 3 pounds 8 ounces **$6.25**
9 A 4949—Size 0. ⅝-in. straight shaft. Threaded ⅝x18. Length 11½-in. Shpg. wt. 4 lbs. **$6.75**

B **Bronze Bearing Mandrels.** Right hand threads only. 2-inch double V-pulley for flat belt, single or multiple V-belt drive. Steel shaft; stamped steel flanges. Set collar takes up end play. Oil plugs. 14 inches long overall.
9 A 4946—*Be sure to state size wanted when ordering.*
Size 00. ⅝-in. shaft; turned to ½-inch at ends. Threaded ½x13. Shpg. wt. 5 lbs. 5 oz. **$4.50**
Size 0. ¾-in. shaft. Threaded ⅝x11 at ends. Shipping weight 6 pounds. **$4.95**

C **Heavy Duty Saw Mandrels.** Precision built! Babbitted bearings. Machined steel collars. Cold rolled steel shaft. Set collar. With bolts. Size 00 has single V-pulley only. Order by catalog number and *state size wanted.*

Size	Pulley diameter and face	Shaft size inches	Shaft size at end inches	Shipping wt.	99 A 04947L Left hand threads	99 A 04932L Right hand threads
00	2 x2 in.	16 x ¾	½	7 lbs.	$3.45	$3.45
0	2 x3 in.	16½ x ⅞	¾	15 lbs.	4.90	4.90
1	2½x3½ in.	16½x1 1/16	1	20 lbs.	6.50	6.50
3	3½x4½ in.	21½x1 5/16	1¼	29 lbs.	8.75	8.75
6	5 x6 in.	28½x1 7/16	1⅜	39 lbs.	13.95	13.95
8	6 x7 in.	32½x1 9/16	1½	58 lbs.	17.75	17.75

Sears Line Shaft and Line Shaft Accessories
Gives you any combination of tool drives for bench or overhead

If your workshop space is limited, if you are looking for real economy in workshop operation, or if you want maximum use from your motor, here's your opportunity to set up a power tool unit in your workshop at an extremely low cost. Designed specially for home workshops, these power drive accessories are finding their place in the industrial workshop as well.

D **Steel Line Shaft.** Use ½-in. line shaft for light tools; ⅝ and ¾-in. line shaft for heavier machines and larger motors. (See index for CRAFTSMAN and DUNLAP motor listings.)
9 A 2833—½x24 inches. Shipping weight 1 pound 15 ounces **75c**
99 A 02834—½x48 inches. Shipping weight 3 pounds **$1.10**
99 A 02830—⅝x48 inches. Shipping weight 5 pounds **$1.60**
99 A 02835—¾x48 inches. Shipping weight 5 pounds **$1.95**

E **Oil Cup.** Easily installed in place of plugs.
9 A 2820—Shipping weight 1 oz. **9c**

F **½-inch Rigid Coupling.** Used to connect sections of line shafting.
9 A 2839—Shipping weight 5 oz. **40c**

G **Line Shaft Collars.** Prevent endwise "drift" of shaft.
9 A 2824—½-in. Shpg. wt. 2 oz. **15c**
9 A 2825—¾-in. Shpg. wt. 3 oz. **20c**
9 A 2826—⅝-in. Shpg. wt. 3 oz. **20c**

With this line shaft and accessories it is possible to drive a number of power tools from one motor. You can install it on a bench or for overhead drive. All parts are precision made to Sears standards to assure utmost accuracy. Line Shaft (D) above made from "Super Tuff" steel . . it'll give you years of hard service. For best results use ½-H.P. motor or larger. *Order this handy accessory today.*

H **Flexible Coupling.** Used to connect motor shaft to line shaft. Self-adjusting for slight misalignment. *State whether you want ½, ⅝ or ¾-inch size.*
9 A 2840—Shipping weight 12 oz. **70c**

J **Bronze Bearing Shaft Hanger.** Adjustable for perfect shaft alignment. ½-inch hangers should be spaced every 18 inches; ¾-inch hangers should be spaced every 24 inches for best results.
9 A 2828—½-inch. Shipping weight 1 pound 8 ounces **$1.75**
9 A 2829—¾-inch. Shipping weight 1 pound 12 ounces **$1.98**

K **Pillow Block.** Used as end support for line shaft. Long-life bronze sleeve bearing.
9 A 2716—½-inch size. Shipping weight 1 pound 8 ounces **$1.45**
9 A 2717—⅝-inch size. Shipping weight 1 pound 8 ounces **$1.45**
9 A 2718—¾-inch size. Shipping weight 1 pound 8 ounces **$1.45**

A 4-STAR Feature because..

SEARS 4-STAR FEATURE — THE SEAL OF TESTED QUALITY AND SAVINGS — LABORATORY APPROVED

★ It has extra features . . . it has been compared in price and quality with other leading brands. We believe there is no finer value.

★ Exhaustive lab tests prove its design assures long life with ample overload capacity and superb temperature rise characteristics.

★ Continuous field tests on heavy duty work by thousands of customers have proved its top rating as a contractor-type saw.

★ Ten times faster than ordinary hand sawing! Lightweight aluminum alloy frame and perfect balance assure easy 1-hand operation.

Now with your choice of blade types!

With low-priced chisel-tooth combination blade (shown at left)—OR . . .

8-tooth carbide-tipped combination blade (shown below) . . . lasts 20 times longer!

CRAFTSMAN "INDUSTRIAL" This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

Sealed precision ball bearings

$54.95 CASH With chisel-tooth blade; without case

ONLY $5.50 DOWN

CRAFTSMAN 6½-in. Hand Saw . . 10 times faster than hand sawing

Don't confuse this industrial-quality saw with ordinary sleeve-bearing home or hobby shop saws in this price range! It is a precision-built extra heavy duty contractor-type saw . . . used by thousands of carpenters and contractors for heavy, day-after-day use. We recently compared this CRAFTSMAN Saw with eight other leading saws. The results of this comparison showed only CRAFTSMAN had a full 6½-in. blade in this price range. CRAFTSMAN 'Depth of Cut at 90°' was ⅛ inch deeper than others. Only CRAFTSMAN offered a graduated base plate in this type saw. Only CRAFTSMAN and one other case could be used for bench rests. CRAFTSMAN had a price advantage over all brands compared offering a bevel and depth adjusting base plate. We ask you to make your own price and feature comparison. We're convinced you'll say there is no finer saw value than this CRAFTSMAN Saw in America.

Adapts to a radial saw or bench saw when used with saw guide below or saw table top at right. Cuts all types of materials with carbide-tipped blade (included with 99A01717K at right) and abrasive cut off wheel (not included; listed at right).

Saw has sealed precision ball bearings throughout. Direct drive gear train permits compact design . . perfect balance. Large base plate; front graduated to ⅛-in. Blade on right-hand side, away from operator, for greater safety. Depth of cut at 90°, 0 to 2 3/16 in.; at 45°, 0 to 1 11/16-in. Angular adjustment, 90° to 45°.

Guaranteed one full year (see below).* Built-in ripping guide. Aluminum alloy frame. Helical-cut bronze gears; telescoping saw guard. Sawdust blower; enclosed trigger switch. Auxiliary knob grip for two-hand use. *Approved by Underwriters' Laboratories, Inc.* (Industrial Standards for AC or DC). Heavy duty, ventilated, General Electric universal motor (for 110–120-volt, 25 to 60-cycle AC or DC); rated ¾-H.P.; develops 1½-H.P. maximum. No-load speed, 4300 R.P.M. Weighs only 12½ lbs. Over-all length, 12 in. Saw comes with 6½ in. low-priced **chisel toothed** or longer-lasting **carbide-tipped** combination blade (½-in. round arbor hole) for crosscutting and ripping; 10-ft. 3-wire rubber-covered cord, unbreakable plug, grounding wire; tube of gear lubricant and wrenches.

99 A 02553—**CRAFTSMAN 6½-inch Saw with chisel-tooth combination blade, without carrying case.** Shipping weight 19 pounds **$54.95**

99 A 02554K—**CRAFTSMAN 6½-inch Saw with chisel-tooth combination blade and steel carrying case.** Base of case acts as bench rest; has tool, cord and blade compartment in bottom. Shipping weight 27 lbs. **$61.95**

99 A 01717K—**CRAFTSMAN 6½-in. Saw with 8-tooth carbide tipped combination blade and convenient steel carrying case.** Shipping weight 27 pounds **$66.95**

9 A 6472—**Cut-off Wheel.** For above saw. 6-inch diameter; ½-inch arbor hole. Cuts cement, tile, metal, etc. *See safety information on page 50.* Shpg. wt. 8 oz. . . . **$1.39**

**Guaranteed one year. If this electric hand saw shows any defect in materials or workmanship, we will repair it at no charge to you if returned within one year from purchase date.*

Bench Saw Table Top

Converts 99 A 02553 CRAFTSMAN 6½-inch saw at left to bench saw. Made from heavy gauge steel. Has 2 miter gauge grooves (miter gauge not included, see below), and rip fence. 26x30-in. table fits our 99 A 01042L bench (see page 34) or your wood bench. Finished in rust-resisting gray enamel.

99 A 01722L—Shipping weight 27 lbs. . . **$14.95**

9 A 2774—**Saw Guard and Splitter Assembly.** Fits above table top. Wt. 2 lbs. . . **3.50**

9 A 2246—**Miter Gauge.** Fits above table top. Precision-made. Shpg. wt. 4 lbs. 4 oz. **6.25**

9 A 2120—**CRAFTSMAN Powr-Panl.** above table top. (See page 34). Wt. 1 lb. . . **3.95**

$14.95

Saw guides convert Electric Hand Saws

Saw Guide for above 6½-inch Saw

Designed for use with CRAFTSMAN 6½-inch saw above. Set saw in guide channel . . . it's a radial saw! Clamp it to ripping plate . . . it's a stationary bench saw! Greater accuracy, more production for carpenters, contractors, small builders, etc.

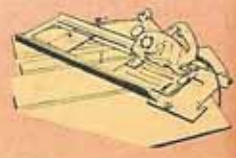
Even inexperienced operators do expert work after a few practice cuts. Safer than hand operation! Rip, crosscut, compound miter, even make dado cuts! (Saw adjusts for depth-of-cut and tilt). Maximum width of crosscut at 90°, about 18½ in.; at 45°, 13½ in. Maximum ripping width, 29 in. Guide channel slides to set ripping width.

Mounts easily on wood bench, or on portable table top for use on bench, saw horses, or CRAFTSMAN bench 99A1048K (page 34). With saw in ripping position use miter gauge 9A2246 (page 11) for crosscuts, miters. Dados are made by repeat cuts with standard blade. 3/16-in. welded steel. All parts zinc plated. With mounting hardware; instructions. (*Wood parts and saw not included*).

99 A 01710L—Shipping weight 27 pounds **$14.95**

Saw guide pivots on clamp bolt for making miter and compound cuts.

Slide saw forward in guide arm for cut-off (at 90°, or tilted 0 to 45°).



Now with your choice of blade types!

CRAFTSMAN "INDUSTRIAL"
This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

$91.50 CASH
With chisel-tooth blade, without case
ONLY **$9.50** DOWN

You get more "Saw" for much less money with CRAFTSMAN

Specifications	CRAFTSMAN 6½-inch	CRAFTSMAN 8-inch
Blade Size	6½-in. round arbor hole	8-in. round arbor hole
Horsepower:		
Rated Load	¾	1.36
Maximum Load	1½	2.16
Blade Speed R.P.M.		
No Load	4300	5300
Full Load	2800	3500
Watts:		
No Load	610	800
Full Load	1050	1480
At Max. H.P.	2700	3300
Depth of Cut:		
Minimum at 90°	0 in.	0 in.
Maximum at 90°	2 3/16 in.	2⅜ in.
Maximum at 45°	1 11/16 in.	2 in.
Type of Gear Drive	Direct	Direct
Base Plate Graduated	⅛ in.	⅛ in.
Bearings	Sealed ball	Sealed ball
Motor	G. E. universal	G. E. universal
Tilt Adjustment	45° to 90°	45° to 90°
Electrical current required	110–120-v. 25–60-cycle AC-DC	110–120-v. 25–60-cycle AC-DC
Weight	12 lbs.	19 lbs.
Gears	Precision-helical cut	Precision-helical cut

CRAFTSMAN 8-inch Electric Hand Saw . . Develops 2.16 H.P.

Our best! **Saw is guaranteed one year**—see opposite page.* We know of NO other complete, contractor-type, 8-inch electric hand saw of this quality for less than $125.00. Its heavy-duty General Electric 1-H.P. rated motor will develop 2.16-H.P.—we believe it's the most powerful motor of any saw its size!

Better balanced, easier to use . . . handle stays in same position for any depth of cut. Efficient direct drive. More accurate . . . blade in line with guiding edge at any angle of tilt; one-piece ripping guide. Blade on right side, away from operator, for extra safety! Full depth of cut (0 to 2⅜ in.). Base plate has ⅛-in. graduations, permits use of various guide lines. Strong, die-cast aluminum alloy frame.

SKF precision ball bearings; double sealed. Precision helical-cut gears, lubricated by one Zerk fitting. Telescoping saw guard; sawdust blower. Enclosed trigger switch. Left-side knob for two-hand operation. *UL approved* (industrial standards). Weighs only 19 pounds. With 8-inch low-priced **chisel-tooth** combination blade or longer-lasting 8-inch 8-tooth **carbide-tipped** combination blade (½-inch round arbor hole); 10-ft., 3-wire rubber-covered cord and unbreakable plug; lubricant and wrenches. Steel case has compartment for extra blades, wrenches, etc.

SPECIFICATIONS: Depth of cut, 0 to 2⅜ inches at 90°; 2 inches at 45°. Tilt adjustment, 90° to 45°. Free blade speed, 5300 R.P.M. Switch, enclosed non-locking trigger type. Motor: General Electric universal; improved ventilation; armature wound with glass-insulated wire; Formex-insulated field coils; for 110–120-volt, 25 to 60-cycle AC or DC. Over-all dimensions: height 11 inches; length 15½ inches; width 10 inches.

99 A 02557K—Saw with chisel-tooth combination blade; without case. Shpg. wt. 23 lbs. **$91.50**

99 A 02560L—Saw with chisel-tooth combination blade and steel carrying case. Shpg. wt. 35 lbs. **99.50**

99 A 01718K—Saw with 8-tooth carbide tipped combination blade and convenient steel carrying case. Shpg. wt. 38 lbs. **$105.00**

Silicon-Carbide Cut-off Wheels. For above saw. See page 50 for safety information.

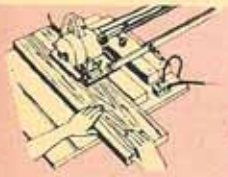
9 A 6455—For cast iron, brick, concrete, etc. *State ½-in. diameter arbor.* Shpg. wt. 8 oz. **$1.59**

9 A 6449—For tile, porcelain, etc. *State ½-in. diameter arbor.* Shpg. wt. 1 lb. **1.59**

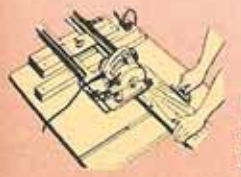
Extra Lubricant. For use in tool gear cases. For Electric Hand Saws listed on these two pages. High quality . . adds years to life of gears. 4-ounce tube. Shipping weight 6 oz.
9 A 2593 . . . . . Each **79c**

Heavy-duty 25-ft. Extension Cord. 10-gauge; 2-wire. Male plug, female receptacle attached. *UL approved. Use up to 100 feet (4 cords) from current source.*
34A5884—Wt. 4 lbs. 11 oz. **$8.50**

into Radial or stationary Bench Saws!



For ripping, clamp saw at end of guide arm, and feed workthrough.



Do all general-purpose cutting, as in stationary bench saw.

Saw Guide for CRAFTSMAN 8-inch Saw

Especially designed for your CRAFTSMAN 8-inch electric hand saw (above). Patterned after our 6½-inch electric hand saw guide (on facing page) . . . proven in the field and after many laboratory tests and comparisons to be far superior to guides costing much more. Now, the same quality features and construction are used for this 8-inch saw guide.

Carpenters, contractors, small builders, and even inexperienced operators can increase the usefulness of their electric hand saws. Rip, crosscut, compound miter—even make dado cuts with more accuracy. (Saw adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 14 in.; at 45°, about 13 in. to left and about 8 in. to right. Maximum ripping width, about 26 in. Guide channel slides to set ripping width.

Heavy-gauge ⅜-inch welded steel. Mounting hardware included. All parts zinc plated, rust-resistant. Complete mounting and operating instructions included. Saw and wood table top not included.

99 A 01712L—Shipping weight 28 pounds **$17.50**

$17.50

CRAFTSMAN Heavy-Duty Reciprocating Sander-Polisher

REG. U.S. PAT. OFF.

Heavy-duty sanding and paint or varnish removing

Continuous heavy sanding, buffing, polishing

Cabinet making, production furniture shops

Here is an ideal heavy-duty production-type sander-polisher that has hundreds of uses in the cabinet shop, furniture factory, garage, machine shop, etc. Ideal for carpenters, contractors, wood pattern makers, and the serious hobbyist who needs an all around general duty sander-polisher. It is the finest tool of its type we have ever sold.

TWENTY FIVE square inches of sanding area. Uses one-third sheet of standard 9x11-inch sanding paper with NO waste. Overlapping felt pad protects surface being sanded from damage. Paper held on felt pad by two spring tension clamps. No tool required to operate clamps. Sands at 14,400 strokes per minute with double-arc action.

SPECIFICATIONS:

Sanding pad size	3½x7 inches
Sandpaper area	25 square inches
Sanding speed	158 surface feet per minute
Motor	Reciprocating motor 115 volts, 60 cycle AC
Switch	Slide
Weight	7½ pounds
Length of cord	8½ feet long
Dimensions: Height	6½ inches
Width	3 9/16 inches
Length	8 13/16 inches

Heavy-duty aluminum alloy housing and handle . . . non glare satin finish. Rubber cushioned handle absorbs vibration of the motor to reduce operator fatigue when used for long periods. Slide switch holds "ON" position for uninterrupted sanding . . switch sealed against dust damage. Entire sander **approved by Underwriters' Laboratories.** Reciprocating motor for 115 volts, 60 cycle AC. Three conductor industrial safety cord 8½ ft. long. With lamb's wool polishing pad; 3 sheets each of fine, medium, coarse and extra coarse grit aluminum oxide sandpaper, for wood or metal. Guaranteed 1 year* (see opposite page).

9 A 780—**Sander-polisher and accessories** (listed above). Shipping weight 11 lbs. **$28.95**
9 A 781—**Sander-polisher and accessories plus steel case** for storage of sander and accessories. Shipping weight 14 lbs. *Buy on Easy Terms. Only $3.50 Down* . . . . . Cash **$32.95**
9 A 2513—**Aluminum Oxide Sandpaper.** Fine, medium, coarse, or extra coarse. 12 sheets in package. *State grit wanted.* Shipping weight 9 oz. **39c**
9 A 2530—**Extra Lamb's Wool Polishing Pad.** Shipping weight 2 ounces **55c**

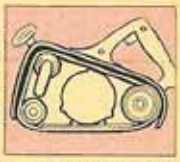
CRAFTSMAN Belt Sander

REG. U.S. PAT. OFF.

Direct Spiral Gear Drive . . 3-drum design

Direct spiral gear reduction design makes unit compact and eliminates need for belts . . and delivers even power.

Exclusive 3-drum design makes belt adjustments easier . . affords better balance with center motor mount.



Exclusive 3-drum design. Long belt with longer belt life, the right belt speed, quality construction throughout . . that's why we're convinced this is the best belt sander buy on the market.

Guaranteed 1 year! If sander shows any defects in material or workmanship, we will repair it without charge if returned within 1 year of purchase.

More sanding surface . . greater belt speeds than used on comparable 2-drum sanders. 27x3-in. sanding belt . . with a belt speed of 1200 feet per minute! **UL approved.** Die-cast aluminum alloy housing. Quick change belt release on outside of housing. Drums have dust-protected, self-lubricating bronze bearings. Built-in fan cools the motor. Safety trigger switch. Convenient controls for quickly changing belts and for belt centering adjustments. G.E. universal ball-bearing motor (110–120 volt, 25–60 cycle AC-DC) develops ¾-H.P. maximum. Formex insulated. 10-ft. 3-wire cord, plug; with 3 silicon carbide belts, lubricant.

SPECIFICATIONS:

- Belt size . . . . . width, 3 inches; length, 27 inches
- Bearings . . . . . Motor, precision ball; drums, self-lubricating bronze
- Free speed of belt . . . . . 1200 feet per minute
- Gears . . . . . Spiral cut steel
- Dimensions . . . . . Height 8 inches; length 11¼ inches; width 5 inches

99 A 02556—**Sander without case.** Shpg. wt. 16 lbs. **$54.95**
99 A 02230K—**Sander with steel case.** Shpg. wt. 22 lbs. **61.95**

9 A 2231—**Replacement Belts.** 27x3 in. Aluminum oxide. Grit: 00 (extra fine), 0 (fine), 1 (medium), or 2 (coarse). *State grit.* Shpg. wt. 4 oz. . . . . Each **35c**
9 A 2231—Grit: 4 (extra coarse) open coat. Best for removing paint, varnish, etc. 27x3 inches. *State grit.* Shipping weight 4 ounces . . . . . Each **39c**
9 A 2593—**CRAFTSMAN Lubricant.** For gear cases of portable power tools. Wt. 6 oz. . . 4-oz. tube **79c**

CRAFTSMAN Sander-Polisher

REG. U.S. PAT. OFF.

With Improved Reciprocating Electric Motor . . Motion provides smooth finished sanding. Easy to use on vertical surfaces

Polish and buffs car finishes

Lightweight for vertical sanding

Excellent for body massaging

Polish furniture cuts housework

Takes the hard work OUT of putting the finishing touches ON! For finishing sanding, polishing waxed and finished surfaces, light body massage, scalp massage, etc. NOT for removing paint, varnish, deep scratches, heavy duty sanding. (See 9 A 780 above for heavy duty sanding and finishing.) Lightweight, easy to use on vertical surfaces. No rubbing . . no pressing! You simply guide it. Improved electric reciprocating motor. Double-arc motion sands with or across grain. Puts high gloss finishes on hard or soft woods, plastics, etc. Push button on-and-off switch.

UL approved. Uses open-coated, lightweight backing type sandpaper; no coarser than No. 80. Reactance-type motor never needs oiling. 6½ in. long, 3 in. wide. 4⅜ in. high. Stroke adjustable by large headed screw on side. 14,400 strokes per minute. With 10 sanding sheets, velour polishing pad, lamb's wool polishing pad, 8-ft. cord and instructions. For 110–120 volt, 60-cycle AC only. Guaranteed 1 year *(see opposite page).

9 A 2713—**Without carrying case.** Shipping weight 5 lbs. **$15.95**
9 A 2714—**With steel carrying case.** Shipping weight 6 lbs. **17.95**
9 A 2782—**Extra Lamb's wool polishing pad.** Shipping weight 2 oz. **45c**
9 A 2783—**Extra Velour polishing pad.** Shipping weight 2 oz. **30c**
9 A 2746—**Sanding sheets.** Fine, medium, coarse. *State grit.* Shipping weight 5 oz. 18 sheets per package **25c**

Production-type Drills

CRAFTSMAN Industrial quality Electric Drills . . . large sizes for heaviest duty work. Our finest professional quality. Meets the most exacting requirements of shop or factory use. Ruggedly built for heavy day-after-day use. We have compared them with other ball-bearing drills of the same capacity and are convinced there is no finer quality at anywhere near this low price. Have plenty of surplus power . . . won't stall on any job when used with the largest drill size specified. Three sizes, ½-inch, ⅝-inch, and ¾-inch chuck capacity.

Approved by Underwriters' Laboratories. Meet Department of Commerce commercial standards. Special triple reduction gears made of heat-treated chrome nickel steel. Extremely high torque (turning motion). Smooth running, long life ball bearings throughout for quiet, efficient operation. Geared key chuck with chuck key. Lightweight aluminum alloy frame. Double pole switch locks for continuous running. Top and rear handles removable for close work. Heavy-duty universal motor for 110–120-volt, 25–60-cycle AC or DC. With 10-foot, 3-wire covered cord and unbreakable plug. Length about 18½ inches.

Guaranteed 1 year (see below at right).*

99 A 02585K—Size, ½-in. 500 RPM. Wt. 21 lbs. **$71.00**

99 A 02586K—Size, ⅝-in. 375 RPM. Wt. 22 lbs. . $75.95

99 A 02587K—Size, ¾-in. 300 RPM. Wt. 22 lbs. 83.95

CRAFTSMAN ½-inch Drill

Finest ½-in. drill we've seen for the price. Designed for continuous heavy duty service . . . in factories, garages, machine shops, etc. ⅜-H.P.—20% more than comparable drills. Compact—excellent for working in close quarters. ANTI-FRICTION bearings throughout . . . ball-bearing armature; ball thrust bearings, and needle roller bearings on intermediate pinions and on inboard end of spindle. **"Supreme"** geared key chuck; ½-in. capacity. Precision triple reduction steel gears. Double pole auto-release trigger switch . . . locks for continuous running. Rugged cast aluminum alloy housing. Auxiliary top handle is removable . . . minimum chuck-offset permits drilling in tight corners and hard-to-get-at places. **Underwriters' Laboratories approved** (industrial standards).

Powerful Universal motor . . . 550 RPM no load spindle speed. Approximate full load speed of 350 RPM. For 110–120-volt, 25–60-cycle AC or DC. Complete with 7-ft. cord . . . unbreakable plug and chuck key. 13 inches long. Weighs only 9½ pounds. **Guaranteed 1 year** (see below).* Remember—the name CRAFTSMAN on a tool is your assurance of the finest quality and workmanship.

9 A 2580—Shipping weight 10 lbs. **$47.95**

15-piece DUNLAP ½-inch Drill Set

For heavy duty service on the farm, in the garage, or in the shop. Our popular, compact DUNLAP ½-in. drill . . PLUS a special selection of 14 practical, high-quality accessories. This rugged drill will easily drive ½-inch bits in steel and 1-inch bits in hardwood without stalling. **Drill is approved by Underwriters' Laboratories.**

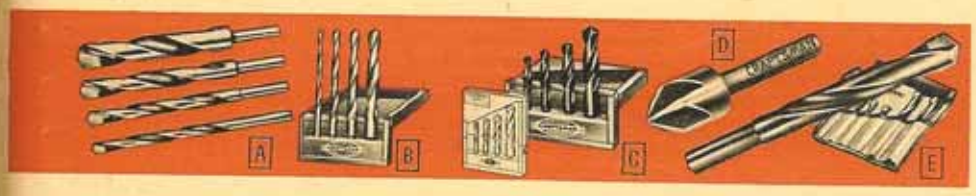
Equipped with "Supreme" precision-geared key chuck; ½-in. capacity. Self-lubricating bronze bearings; ball thrust bearing on chuck spindle. Stressproof alloy steel triple reduction gears. Double-pole automatic releasing switch locks for continuous running. Powerful universal motor for use on 110–120-volt, 25 to 60-cycle AC or DC. No-load spindle speed 425 RPM. Drill comes complete with 7-ft., 3-wire rubber-covered cord; unbreakable plug. Overall length 14 inches.

Accessories in Set: 3 power wood bits (½, ¾, 1-in.); 12-inch power wood bit extension; 3 carbide-tipped masonry bits (¼, ⅜, ½-in.); 3 high speed bits (¼, ⅜, ½-inch); 6-inch wire wheel; 2¾-inch wire cup brush; adapter and CRAFTSMAN all-steel mechanics' tool box. **Drill is guaranteed 1 year** (see below).*

99 A 01716K—**Complete 15-pc. Set.** Wt. 25 lbs. . . . **$53.50**

9 A 2583—**DUNLAP ½-in. Drill only** (described above). Shipping weight 10 pounds **$34.95**

***GUARANTEED!** If any electric tool on these two pages shows any defects in materials or workmanship, we will repair it at no charge to you if returned within one year from purchase date.



Masonry Drills, Wood Drill Set, Countersink Bit

A CRAFTSMAN Tungsten Carbide-tipped Masonry Drills. Professional quality. Ideal for many jobs in the shop or around the home. Drills holes up to 3 in. deep in concrete, brick, slate, marble, wallboard, etc. . . much faster than using a star drill. Round shanks fit all ¼-in. or larger electric drills or hand and breast drills. Spiral flutes.

9 A 6747—**4-pc. Set.** One each of sizes below. Save when you buy the set. Shpg. wt. 6 oz. **$3.98**

9 A 6746—**Individual Drills,** as above. *State size wanted.*

¼-in. size. Length 4 in. Shpg. wt. 1 oz. **85c**

5/16-in. size. Length 4 in. Shpg. wt. 1 oz. **89c**

⅜-in. size. Length 4 in. Shpg. wt. 2 oz. **$1.10**

½-in. size. Length 4 in. Shpg. wt. 3 oz. **1.39**

B CRAFTSMAN 4-piece Wood Drill Set. Sizes ¼, 5/16, ⅜, ½-in. Length 5 1/16 in. Durable carbon steel ¼-in. shanks. In handy case.

9 A 6721—Shpg. wt. 10 oz. 4-pc. Set **$1.98**

9 A 6717—**Individual Drills.** *State size wanted.*

¼-inch. Shpg. wt. 2 oz. . Each **29c**

5/16-inch. Shpg. wt. 2 oz. . . Each **39c**

⅜-inch. Shpg. wt. 2 oz. . . Each **50c**

½-inch. Shpg. wt. 2 oz. . . Each **85c**

C CRAFTSMAN 4-piece High-Speed Drill Set. Use with electric drills, drill presses, and other power driven tools. Hinged case serves as protective carrying kit or useful work-bench stand. Drills precision ground. Highest professional quality . . . for use in either metal or wood. Sizes ¼, 5/16, ⅜ and ½-inch. ¼-inch round shanks. For drilling shallow holes. Lengths 2½ to 3¾ in.

9 A 6733—Shipping weight 8 oz. . . . . Set **$3.98**

D CRAFTSMAN High Speed Countersink Bit. For metal or wood. Use in any hand or power driven tool. Five flutes, 82° head. High speed steel. ¼-in. round shank.

9 A 6716—Shipping wt. 4 oz. . **$1.29**

E CRAFTSMAN Carbide-tipped Masonry Drills. For drilling holes in concrete, brick, stone, etc. Spiral flutes. Use with power driven or hand operated tools.

9 A 6731—**Set of 6.** One each sizes ¼ to ¾ inches listed under 9A6730 below. Comes in fabric case. Shipping weight 2 pounds. . . **$11.50**

9 A 6730—**Individual sizes.** *Order by catalog number; state size wanted.*

Size, In.	Shank In.	Length	Wt.	Each
3/16	3/16	3-inch	2 oz.	$1.39
¼	3/16	4-inch	4 oz.	1.45
5/16	⅛	4-inch	4 oz.	1.49
⅜	⅛	4 inch	6 oz.	1.65
½	⅜	6-inch	8 oz.	2.00
⅝	½	6-inch	10 oz.	2.50
¾	½	6-inch	12 oz.	3.25

CRAFTSMAN Impact Tool

$130.00 Cash
$13.00 Down

2000 impacts a min. Saves 90% of the time and hard work in tightening, loosening nuts and bolts. Takes all standard ½-in. square drive impact tool attachments. Easily reversed.

Strong, rugged . . yet lightweight. Polished, die-cast aluminum alloy housing. Forged heat-treated alloy steel hammer, anvil. **UL approved.** Heat-treated alloy steel planetary gear cage. Grease-sealed ball bearings. Powerful motor (110–120-volt, 25–60-cycle AC-DC) develops 10 to 100 ft. lbs. driving torque. No-load speed 1900 RPM. Built-in on-off switch. Pistol-grip handle. Over-all length, 10½ in. With 25-ft. heavy-duty, Neoprene-covered, 3-wire cord, plug. **Guaranteed 1 year** (see above).*

9 A 1730—Shpg. wt. 8 lbs. **$130.00**

9 A 4400—**CRAFTSMAN Impact Sockets.** For use with above. **"Super-Tuff"** steel, 6-pt. openings for hex nuts. Sizes: 3/16, ½, 9/16, ⅝, 11/16, ¾, 13/16, ⅞-in. **State size.** Shpg. wt. 6 oz. . . . . Each **69c**

$29.95 Cash
$3.00 Down

CRAFTSMAN Grinder

Electric Hand Grinder. Has extra capacity . . handles 3/32, ⅛, and ¼-in. shank tools. 17,000 R.P.M. motor for 110–120-volt, 25 to 60 cycles A.C. or D.C.

Sands, sharpens, grinds, saws, etc.; works in wood, metal, plastic, glass. Aluminum slip-sleeve covers chuck for safety.

Approved by Underwriters' Laboratories, Inc. In sturdy metal box with 25 accessories including grinders, polishers, files, burrs, wheels, replacement motor brushes, arbors, chuck wrenches, etc. 8-ft. cord. **Guaranteed 1 year** (see above).*

9 A 2516—Wt. 6 lbs. 14 oz. . . **$29.95**

CRAFTSMAN Router

Ideal for routing and inlay work; also perfect for mortising doors and for dovetailing with attachments. The motor can be mounted horizontally as a bench tool. Maintains constant speed under load. Takes ¼-inch shank cutters in collet chuck. The motor raises or lowers 1 inch. Fence slides horizontally on 7½-inch bars; guides on straight or irregular edges. Rugged, lightweight, aluminum housing. **Guaranteed 1 year** (see above).*

Approved by Underwriters' Laboratories Inc., 1/15-HP 19,000-RPM ball-bearing universal motor for 110–120-volt, 25 to 60-cycle AC or DC; Formex insulated. Base 3½x7 inches. Height 7 to 8 inches. With one 3/16-inch router bit; 8-ft. cord, plug.

9 A 2519—Shipping weight 9 pounds **$28.95**

9 A 2512—**Extra Router Bits.** Sizes ⅛, 3/16 and ¼ inch. *State size.* Shpg. wt. 4 oz. . . . . Each **$1.00**

$28.95 Cash
$3.00 Down

Low-priced DUNLAP 34-piece Drill Set

Newly designed 1/8-H.P. intermittent duty drill

Your choice of saw or pistol-grip

Economy priced. A newly designed 1/8-H.P. intermittent-duty drill . . . designed for the average shopowner who wants power and dependability in a tool. Specially built to handle the accessories included. Drills, sands, grinds, buffs, brushes, polishes, mixes paint. *Drill guaranteed 1 year*—(see opposite page).*

Die-cast aluminum alloy frame. "Supreme" precision-geared key chuck; 1/4-in. capacity. Single-reduction chrome-molybdenum steel gears. Precision bronze bearings; nylon thrust bearing on rear of spindle. Trigger switch locks for continuous running. **Entire drill UL approved.** Formvar insulation. No-load chuck speed 2250 RPM. For 110–120-volt, 25–60-cycle AC or DC; with 10-foot 3-wire cord and unbreakable plug.

Accessories: 10 high-speed steel bits (1/16 to 1/4-inch) in stand; 4-inch buffing wheel; 3-inch grinding wheel; 4-inch wire scratch wheel; 4 3/4-inch rubber back-up disc; 5 1/2-inch sheepskin bonnet; twelve 5-inch aluminum oxide sanding discs; paint mixer; accessory adapter; horizontal steel bench stand; 12x12x5 3/16-inch portable steel case; chuck; spanner wrench.

99 A 0793—**DUNLAP 34-piece Set with Saw-grip Drill.** Shpg. wt. 13 lbs. **$27.95**

99 A 0792—**DUNLAP 34-piece Set with Pistol-grip Drill.** Shpg. wt. 13 lbs. *$3.00 Down* **$27.95**

A 9 A 791—**DUNLAP 1/4-in. Saw-grip Drill only.** Length 10 1/2 in. Shpg. wt. 4 lbs. 1 oz. **$17.95**

B 9 A 790—**DUNLAP 1/4-inch Pistol-grip Drill only.** Length 7 3/4 in. Shpg. wt. 3 lbs. 15 oz. **$17.95**

CRAFTSMAN Heavy Duty Drills

Priced lower than many standard 1/4-inch drills

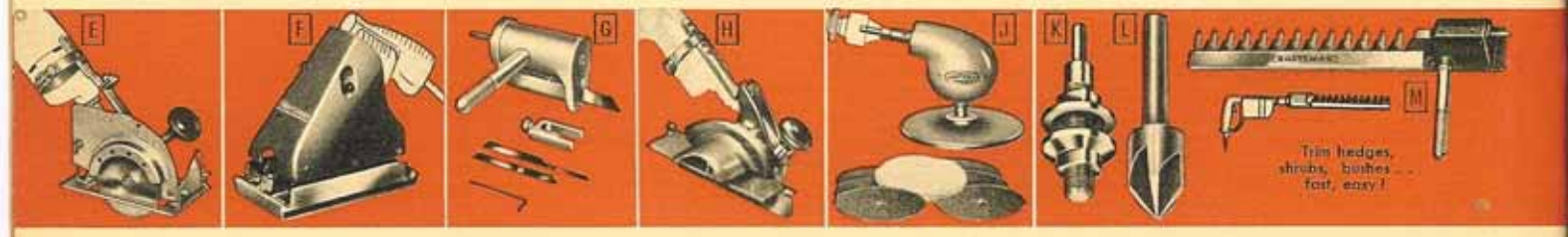
Superb professional quality. NOT standard duty electric drills, but genuine heavy duty design—priced lower than many standard duty drills! Compact . . (approximately 1/2-H.P.) drill . . for continuous production work. The finest combination of power, size, and weight in a 1/4-in. drill we've ever seen! **Entire drill—approved by Underwriters' Laboratories, Inc. (Industrial Standards).** *Guaranteed 1 year* (see opposite page).*

Rugged universal motor (110–120 volts, 25–60-cycle AC-DC) won't stall on toughest jobs. Die-cast aluminum frame. Heavy duty precision geared key chuck; 1/4-in. capacity. Double reduction, hardened nickel-chrome-molybdenum steel gears. 2 precision ball bearings on motor shaft; 2 on intermediate gears; ball thrust bearing. Needle bearing on rear of chuck spindle. No-load speed 2000 RPM. Double-pole trigger switch; automatic safety release; lock for continuous use. Without case.

C 9 A 779—**1/4-in. Saw-grip Electric Drill.** 10 3/4 in. long. Shipping weight 6 pounds 8 ounces **$37.95**

D 9 A 778—**1/4-in. Pistol-grip Electric Drill.** 7 1/2 inches long. Shipping weight 6 pounds 8 ounces **37.95**

9 A 2550—**Steel Case** for above electric drills; has room for accessories. 13 1/4x4 7/8x8 in. Lift-off top. Shpg. wt. 4 lbs. **3.25**



Professional quality Accessories to make your Electric Drill more useful

E **CRAFTSMAN Circular Saw Attachment.** Converts electric drill to portable hand saw or small bench saw. (Not for production use.) Fits most 1/4-inch or larger electric drills. Use with drills similar to 9 A 770 or 9 A 771 on page 43. Self-lubricating bronze bearings. 4-in. blade; adjusts for depth of cut (to 1 1/8 in.); tilts any angle to 45°.

9 A 2606—Shpg. wt. 4 lbs. **$10.95**

9 A 4910—**4-inch Blade.** For 9 A 2606 saw attachment (above). 1/2-3/8-in. arbor. Wt. 8 oz. **$1.19**

F **CRAFTSMAN Sander-Polisher.** Converts 1/4-in. drills like 9 A 770, 9 A 771 (page 43) and 9 A 779, 9 A 778 (above) into sander or polisher. Cast aluminum housing, base plate. Sealed ball bearing on eccentric drive. 3 1/2x7-in. oscillating pad. 6 1/2 in. high. With wrench and instructions.

9 A 2603—Shpg. wt. 2 lbs. 8 oz. **$9.95**

G **CRAFTSMAN Roto-Saw Attachment.** Converts 1/4-in. electric drill (1600 to 2500 RPM spindle) or drill press into power saw or filing machine. Cuts straight or irregular shapes in wood, metal, wallboard, etc. Lightweight die-cast case. 3 5/8 inches long. Includes auxiliary handle (for two-hand use); hex wrench; drill press adapter; coarse, fine, and medium blades; instructions. (Also uses standard hack saw blades and files.)

9 A 2508—Shipping weight 2 pounds **$9.95**

H **CRAFTSMAN Planer Attachment.** Converts any 1/4-in. electric drill into wood planer. Cuts 1 13/16 in. wide, 1/8 in. deep; 1/2-in. with repeated passes. 15° adjustable fence, 10 1/2 inches long. Die-cast parts . . ball bearing mounting.

9 A 2632—Shipping weight 4 lbs. 8 oz. **$12.95**

J **CRAFTSMAN 10-pc. Angle-Drive Buffer-Sander-Polisher Kit.** Fits 1/4-in. or larger drills. Angle design gives comfortable wrist position. Adds two more speeds to regular drill speed. Needs no oil. Includes angle head, speed adapter, polishing bonnet, rubber sanding plate, 6 sanding discs.

9 A 2604—Shipping weight 2 pounds **$6.85**

K **Arbor for Electric Drills.** Can be used for holding grinding wheels, wire wheels, buffing wheels, etc. High carbon steel. 1/4-in. shank; 1/2-in. x 20-thread arbor. 1 1/4-in. flanges with nuts. 3 1/2 inches long overall. Shipping weight 6 oz.

9 A 2594 ..... **70c**

L **CRAFTSMAN Countersink Bit.** High-speed steel. For metal or wood. Use in electric drill, drill presses, flexible shafts . . . any hand drill or power-driven tool. 5 flutes; 82° head. 1/4-inch round shank. Shipping wt. 4 ounces.

9 A 6716 ..... **$1.29**

M **CRAFTSMAN Electric Drill Hedge Trimmer Attachment.** Fits all electric drills with 1/4-inch or larger chuck and 1600 to 2500 R.P.M. Same 3/4-inch stroke used by nearly all higher priced trimmers! Simple cam construction and gear reduction drive. Tempered sickle-type chrome-alloy steel blade cuts in both directions. 10 3/4-inch blade; 8 1/2-inch cutting edge and 3/16-inch twig openings. Shpg. wt. 3 lbs. 5 oz.

9 A 2607 ..... **$10.95**

Our Best Drill Sets Your Choice of Drill

46-piece Set
$39.95 CASH
Only $4.00 Down
ON SEARS EASY TERMS

Drill only . . Your choice
$26.95 CASH
$3.00 DOWN
ON SEARS EASY TERMS

49-piece Set
$49.95 CASH
Only $5.00 Down
ON SEARS EASY TERMS

CRAFTSMAN 46-piece Set

REG. U.S. PAT. OFF.

Our most popular set

A combination of versatile, practical, high quality tools . . . featuring our improved 1/5-H.P. CRAFTSMAN ¼-in. electric drill (either 9A771 or 9A770, described at right). *Drill guaranteed 1 year.**

Accessories included in 46-pc. set: 10 high-speed drill bits, sizes 1/16 to ¼-in. (not carbon bits as in most sets); 10-pc. interchangeable power wood bit set with plastic case; two 4-in. buffers; buffing compound; 3x¾-in. grinding wheel; 6-in. rubber backing disc; accessory adapter; 6½-in. sheepskin bonnet; 4x½-in. wire scratch wheel; twelve 6-in. aluminum oxide sanding discs (assorted grits); horizontal steel stand; paint mixer; chuck spanner wrench; 12x13 9/16x5½-in. portable steel case (stands up, or hangs on wall) with hooks for accessories and miscellaneous tools.

99 A 0773—46-pc. Set with Saw-grip Drill. Shipping weight 15 pounds..... **$39.95**

99 A 0772—46-pc. Set with Pistol-grip Drill. Shipping weight 15 pounds..... **39.95**

CRAFTSMAN ¼-inch Drill

REG. U.S. PAT. OFF.

1/5-H.P. for EXTRA Power

Vastly improved, lightweight CRAFTSMAN ¼-in. electric drill handles ALL ¼-in. accessories. Die-cast aluminum alloy frame reinforced to support drill attachments (not included). Has 22-bar undercut commutator for long brush life . . 2-coil armature construction.

Full ball bearings on chuck spindle and front end of motor; precision needle bearing at end of chuck spindle; self-aligning precision sleeve bearing at rear of motor. *Drill is guaranteed 1 year.** Double-reduction nickel-chrome-molybdenum steel gears. **Entire drill UL approved** (industrial standards).

Finest "Supreme" precision geared key chuck. Chuck speed: 1900 RPM, no load; about 1200 RPM, full load. Formvar insulation. Safety-release locking trigger. Universal motor for 110–120-volt, 25–60-cycle AC-DC. With 10-ft. 3-wire cord and plug.

A 9 A 771—Saw-grip Drill only. Length 10½ in. Shipping weight 4 lbs. 6 oz. **$26.95**

B 9 A 770—Pistol-grip Drill only. Length 7¾ in. Shpg. wt. 4 lbs. 6 oz. **26.95**

CRAFTSMAN 49-piece Set

REG. U.S. PAT. OFF.

A complete home workshop

The most complete drill set we've ever offered! Includes saw attachment which permits you to use drill as portable electric hand saw. 1/5-H.P. CRAFTSMAN ¼-in. electric drill (described under 9A771 or 9A770 at left). *Drill guaranteed 1 year* (see below).*

49-pc. set includes accessories described in 46-pc. set at left—PLUS **saw attachment, countersink, and power wood bit extension.** Steel case is larger (12 1/16x15 9/16x5⅞ in.). Saw has complete depth-of-cut adjustment from ⅛ to 1⅛ in.; tilts 90° to 45°; has 4-in. combination blade. For use on 110–120-volt, 60-cycle AC or DC.

99 A 0774—49-pc. Set with 7¾-in. Pistol-grip Drill. Shpg. wt. 19 lbs. **$49.95**

99 A 0775—49-pc. Set with 10½-in. Saw-grip Drill. Shpg. wt. 19 lbs. **49.95**

***GUARANTEED:** If this electric drill shows any defects in materials or workmanship, we will repair it at no extra charge if returned within one year from the purchase date.

DUNLAP

Electric Drill Press Stand
$12.50

Clamp rotates a full 360°. Permits horizontal sanding and polishing as well as vertical drilling.

Converts your ¼-in. electric drill into drill press. Rotates full 360°. Permits horizontal sanding, polishing as well as vertical drilling. Feed handle has compound leverage for drilling steel. Built-in compressor spring holds drill in raised position when not in use.

Maximum head travel 2¼ in. Outside column diam. 1⅛ in. Cast iron base table; 6x6-in. ground working surface. Depth-of-cut collar. 25 in. high. Can also be used with electric grinder.

99 A 02589—Wt. 16 lbs. . **$12.50**

C **CRAFTSMAN Power Wood Boring Bits.** Flat design provides quick, easy drilling of large holes with power drill (¼ or ⅜-inch capacity) or drill press. You reach awkward places with one hand—where it would be difficult to use a bit brace. Bores holes ⅜ to 1-inch diameter up to 5 inches deep in hard or soft wood in ANY direction—even through knots. Won't bind; won't overload drill. Chips clear automatically. Hardened tempered alloy steel. 6½ inches long.

9 A 2092—Set of 6. One each of sizes listed below. Set comes in plastic roll. Shipping wt. 12 oz. **$3.95**

Individual Power Wood Boring Bits. Same quality as above. See table below.

Cat. No.	Size	Shpg. wt.	Price	Cat. No.	Size	Shpg. wt.	Price
9 A 2093	⅜ in.	2 oz.	69c	9 A 2096	¾ in.	3 oz.	69c
9 A 2094	½ in.	2 oz.	69c	9 A 2097	⅞ in.	3 oz.	69c
9 A 2095	⅝ in.	3 oz.	69c	9 A 2098	1 in.	3 oz.	69c

D **12-inch Power Bit Extension.** Fits all bits listed above and at right. Perfect for drilling into narrow, hard-to-get-at places . . . such as between rafters, joists, etc. Secure, positive grip keeps bit from wobbling.

9 A 2090—With set-screw wrench. Shpg. wt. 12 oz. **$1.49**

Single Shank Design!

$2.98
10-pc. Set

CRAFTSMAN 10-pc. Interchangeable Power Wood Bit Set. *Lowest price we know of for power wood bits in this boring range.* Revolutionary design permits the use of interchangeable cutters on ONE shank . . . you SAVE on the extra materials and labor that would go into making individual wood bits. *We're convinced they are the fastest, easiest, cleanest boring bits on the market today!* Cutters bore easily in all wood, hard or soft, against or with all grains. With these bits you can bore pressboard, plastic, plaster board, plywood, Masonite Presdwood, etc.

Develop minimum friction . . . require less power. Can be used for ¼-inch electric drills and in drill presses. Cutter sizes include ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1⅛ and 1¼ inches. In plastic box. For 12-inch extension, see 9A2090 at left.

9 A 2082—10-pc. Set. Shpg. wt. 11 oz. **$2.98**

Long-time Customers Praise CRAFTSMAN Motors

REG. U. S. PAT. OFF.

½-H.P.
$24.95 CASH
$2.50 DOWN

Read what Mr. H. T. Dye, of Millstone, W. Va., says about CRAFTSMAN Motors:

"I have two of your motors that have been in steady use for over 18 years. One of them is ⅓-H.P. and the other is ½-H.P., and I haven't spent one cent on either of them yet. I have all types of your motors up to 5-H.P., and I do know that the Sears motors are the best money can buy.

"Yours truly,

H. T. DYE,
Dye Wood Works,
Millstone, W. Va."

Famous CRAFTSMAN Capacitor Motors

REG. U. S. PAT. OFF.

Unsurpassed for medium starting loads

A 4-Star Feature because . . . it has extra features . . . it has been laboratory approved and compared in price and quality with other leading brands. We are convinced there is no finer value in America! For medium-starting loads; for use in shops, and factories; for driving heavier power tools or equipment, etc.

Guaranteed one full year.* Note ALL of the premium features shown at left. Built-in condenser reduces starting current; motor starts loads about 50% heavier than split-phase motors of the same rating. Superior Nylon insulation resists heat and abrasion better. Specially designed fan and baffles keep all parts of motor cool. New Departure grease-sealed precision ball bearings never need lubrication. Operate motor in any position. ½-inch double-end shaft (except 99A01981K which has ⅝-inch keyway shaft). Convenient on-off switch built into motor base. For 110–120 volt, 60-cycle A.C. Equipped with heavy 8-foot rubber-covered cord and unbreakable plug. Mounting dimensions 3¾x5 inches.

Catalog Number	H. P.	R.P.M.	Shipping weight	Price
99 A 01977K	⅓	1750	30 pounds	$24.95
99 A 01978K	½	1750	33 pounds	26.50
99 A 01980K	½	3450	30 pounds	28.95
99 A 01981K	¾	3450	38 pounds	33.95

For 1-H.P. motor, see 99A01906L listed and described below.

Guaranteed against defects for 1 year (see below)*

Klixon overload protector guards against motor burnout.

NYLON insulation . . resists heat and abrasion . . . wears longer.

Grease-sealed ball bearings never need lubrication.

A 1-H.P. 3450 R.P.M.
$44.95 CASH
$4.50 DOWN

CRAFTSMAN Mill-type Capacitor

REG. U. S. PAT. OFF.

Heavy duty Motors for production use

Finest capacitor motors we've ever sold! Extra heavy duty for mills, factories, farms, etc. **Guaranteed 1 year against defects in materials and workmanship.*** Heavier windings; greater overload capacity. Nylon insulated to resist heat and abrasion. Condenser reduces starting current. New Departure grease-sealed precision ball bearings; use motor in any position. "KLIXON" overload protector prevents motor burnout. Single-end ¾x2 1/16-in. keyway shaft. Mounting dimensions 5x5¾. Easily reversible. For 115–230-volt, 60-cycle AC.

A 99 A 01906L—**1-H.P. 3450 R.P.M. Capacitor Motor.** With ALL the features listed at left, PLUS double shaft. ⅝x2¼-in. each end . . on-off toggle switch in base . . 8-ft. heavy duty rubber cord, unbreakable plug. (Extra features this motor only.) Shipping weight 50 pounds **$44.95**

CRAFTSMAN Mill-type Capacitor Motors (described at left). See table below for H.P. and R.P.M.

Catalog No.	H.P.	R.P.M.	Shpg. Wt.	Price
B 99 A 01985L	½	1750	51 lbs.	$41.00
C 99 A 01986L	¾	1750	57 lbs.	45.95
D 99 A 01987L	1	1750	61 lbs.	49.95
E 99 A 01988L	1½	3450	62 lbs.	63.95

**We will repair any Sears motor found defective in materials or workmanship if returned within 1 year of date of purchase.*

B ½-H.P.
$41.00 CASH
$4.50 DOWN

C ¾-H.P.
$45.95 CASH
$5.00 DOWN

D 1-H.P. 1750 R.P.M.
$49.95 CASH
$5.00 DOWN

E 1½-H.P.
$63.95 CASH
$6.50 DOWN

Guaranteed 1 Full Year!*

CRAFTSMAN Repulsion-Induction

REG. U. S. PAT. OFF.

Extra heavy duty Motors for farm and industry . . For hard starting loads and low voltage areas

Shielded precision ball bearings.

Specially designed for hard-starting loads and heavy farm work such as deep well pumps, large compressors, feed grinders, freezers, milking machines, etc. Develop THREE to FIVE times rated H.P. while starting. Low amperage draw when starting. Great overload capacity. Ideal for farm and R.E.A. lines, low voltage lines and extreme weather conditions. Efficient in freezing weather when loads are extra heavy.

All have grease-sealed precision ball bearings . . . never need oil . . . run in any position. Designed not to exceed 40° temperature rise under normal operation. Easily reversed. Shafts have keyways. Brush lifting mechanism in ⅓ and ½-H.P. sizes.

***Guaranteed one year** (see guarantee on opposite page). We believe there are no better motors of this type made. **Meet all A.I.E.E., N.E.M.A. and central station requirements.** Complete instructions for installation and maintenance included.

The CRAFTSMAN range of sizes (from ⅓ to 5 H.P.) supplies almost every farm need. For best results use the motor size recommended by the manufacturer of the unit to be driven, or a larger size. (Recommended size is usually found on name plate of unit to be driven.) Single-phase, for 115–230-volt 60-cycle A.C. **Check with power company on voltage, cycle, phase and capacity of your line.**

Catalog Number	H.P.	R.P.M.	Size Shaft inches	Base Mounting inches	Shpg. Wt. lbs.	Price
(A) 99AM1944	5	1725	1⅛	8¼ x 10	195	$235.00
(B) 99AM1943	3	1725	1	7½ x 9	160	154.00
(C) 99AM1942	2	3450	¾	6½ x 8	84	120.00
(D) 99AM1941	2	1725	1	6¾ x 9	144	124.00
(E) 99AM1940	1½	1725	¾	6½ x 8	88	96.50
99A01933L	1½	3450	¾	5 x 5⅝	50	80.00
(F) 99A01939L	1	3450	¾	5 x 5⅝	43	53.95
(G) 99AM1938	1	1725	¾	5½ x 8	79	74.00
(H) 99A01937L	¾	1725	¾	5 x 5⅝	60	54.95
(J) 99A01936L	½	1725	¾	5 x 5⅝	41	41.95
(K) 99A01935K	⅓	1725	⅝	3 x 4⅞	34	32.95

CRAFTSMAN "INDUSTRIAL"

These motors are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN 3-Phase Motors

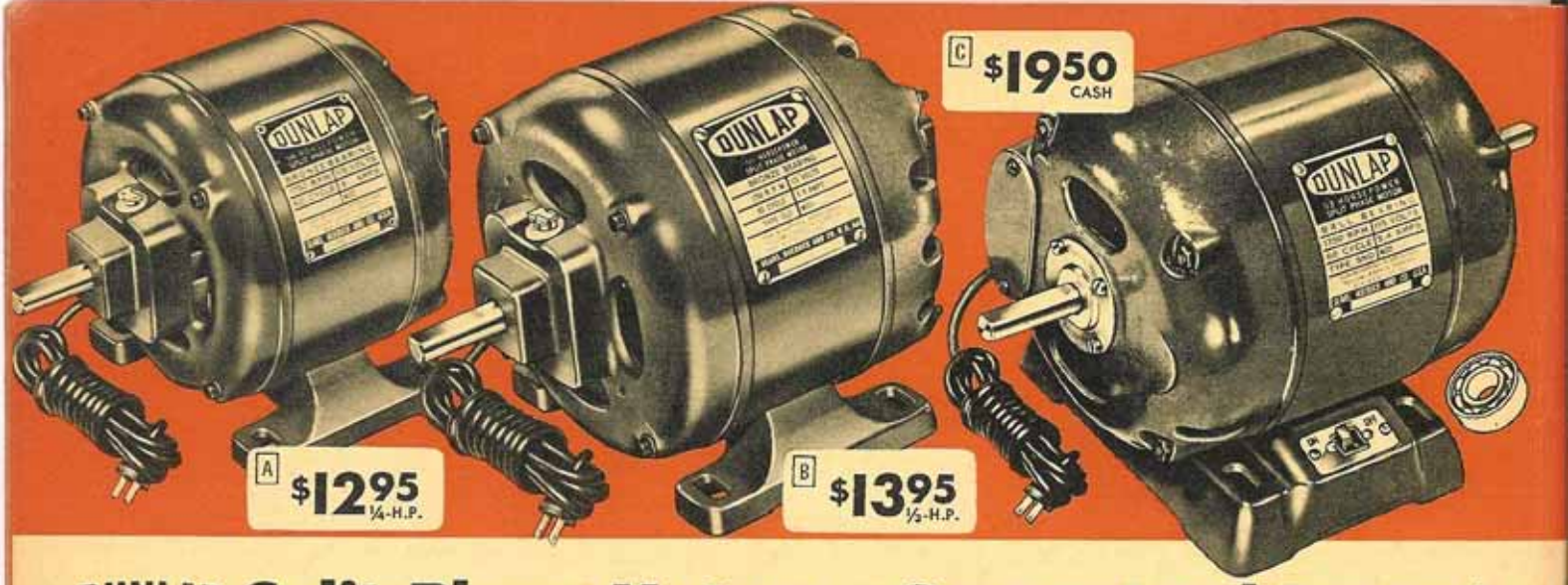
REG. U. S. PAT. OFF.

For heavy-duty jobs in shops and factories

Shielded precision ball bearings.

Designed for hard-starting loads . . . in shops and factories. Develop 3 to 5 times rated H.P. while starting. We believe there are no better motors of this type made. Can be used only on 3-phase current, usually not available to homes and farms. Check with power company before ordering. **Meet all A.I.E.E., N.E.M.A. and central station requirements.** Easily reversed. Keyway shafts. Designed not to exceed 40° temperature rise under normal use. For 220–440-volt, 60-cycle A.C.

Catalog Number	H.P.	R.P.M.	Size Shaft inches	Base Mounting inches	Shpg. Wt. lbs.	Cash Price
99 A 01910L	½	1725	¾	5 x 5⅝	41	$42.95
99 A 01911L	¾	1725	¾	5 x 5⅝	61	54.00
99 A M1912	1	1725	¾	5½ x 8	71	65.00
99 A M1913	1½	1725	¾	6½ x 8	78	78.00
99 A M1917	1½	3450	¾	5½ x 8	71	70.00
99 A M1914	2	1725	1	6¾ x 9	106	90.00
99 A M1915	3	1725	1	7½ x 9	115	100.00
99 A M1916	5	1725	1⅛	8¼ x 10	148	120.00



DUNLAP Split-Phase Motors . . Guaranteed 1 year*

REG. U. S. PAT. OFF.

Low priced . . efficiency *plus* economy for easy-starting loads

Economical ¼ and ⅓-H.P. Models

A B Super values! Not lightweight, but full size, full power. Rugged, well-made motors, designed for general use on easy-starting loads such as light power tools, small paint sprayers, etc. Excellent performance and trouble-free operation. All parts guaranteed against defects in material or workmanship for one year. Exceed N.E.M.A. breakdown torques. Husky, diamond-bored precision bronze bearings for smooth operation and long life. Large oil chambers with spring oil caps lubricated for about 1000 hours operation. Motor should be used in horizontal position only. Easily reversed. Cast iron base gives motor solid mounting. ⅝-in. shaft extends 1⅝-in. on one end. 1750 R.P.M. For 110–120-volt, 60-cycle A.C. With 8-ft. cord; unbreakable plug. Mounting dimensions 3¾x5 inches.

A 99 A 01974K—¼-H.P. Shipping weight 23 pounds..... **$12.95**

B 99 A 01966K—⅓-H.P. Shipping weight 24 pounds..... **13.95**

IMPORTANT! Buy the Right Motor! A larger motor of more powerful type will last years longer than one slightly too small.

Split Phase Motors—For easy-starting loads or where maximum load is applied at full motor speed; washing machines, ventilating fans, light power tools, etc.

Capacitor Motors—For medium-starting loads; heavier power tools, paint sprayers, refrigerators, stokers, shallow-well pumps (about 22-ft. or less), etc.

Mill-Type Capacitor Motors—For medium to hard-starting loads; production equipment, compressors, heavy power tools, etc.

Repulsion-Induction and 3-Phase Motors—For hard-starting jobs; deep-well pumps, large compressors, heavy industrial tools and farm equipment, freezers, etc.

⅓-H.P. Deluxe Model

C Our finest split phase motor! Heavy duty! Super powered! Ideal for operating light power tools and compressors, ventilating fans, washing machines, etc. Note all these great features: double shaft, ball bearings, on-off switch, cord and unbreakable plug. Exceeds N.E.M.A. specifications. Handles more than TWO times rated H.P. before stalling! Efficient, modern design. Deep end bells, large fan and baffled openings ventilate motor; assure cool operation. Massive cast iron base for solid mounting; handy on-off switch. Easily reversed. All parts guaranteed against defects in materials or workmanship for one year. New Departure grease-sealed precision ball bearings . . sealed against dirt, dust and grit . . motor operates in any position. ⅝-in. shaft extends 1⅝-in. **on both ends.** 1750 R.P.M. For 110–120-volt 60-cycle A.C. Heavy 8-ft. cord; unbreakable plug. Mounting dimensions 3¾x5 inches.

99 A 01975K—Shipping weight 27 pounds..... **$19.50**

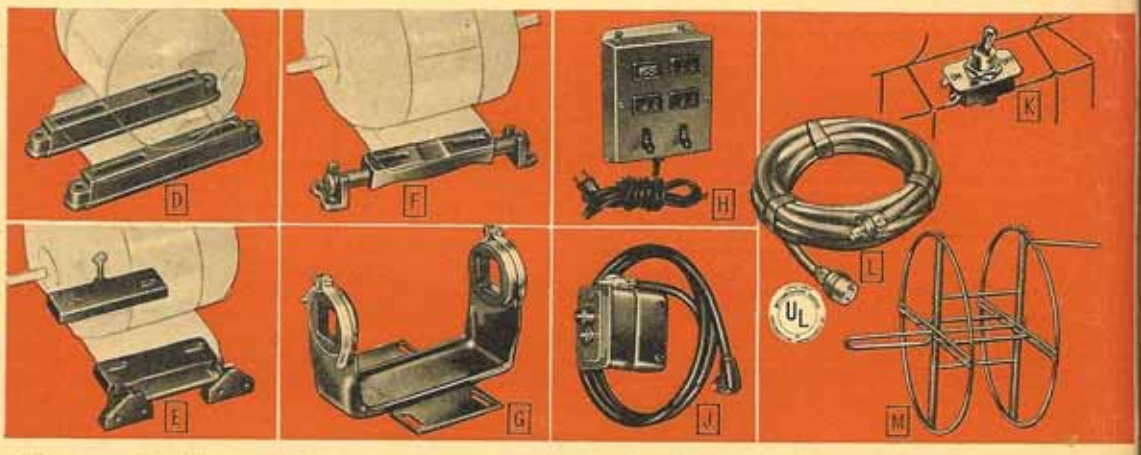
CRAFTSMAN ⅓-H.P. Appliance Motor

REG. U. S. PAT. OFF.

Designed for replacement purposes . . . for stokers, oil burners, washing machines, ventilating fans, pumps, etc. Exceeds N.E.M.A. specifications for breakdown torque. Handles more than TWO times rated H.P. before stalling! Precision bronze sleeve bearings with spring oil caps. Condenser reduces starting current; motor starts loads about 50% heavier than split phase motors of same rating. Use in horizontal position only; easily reversed. Guaranteed one year*. Nylon insulated windings. Single-end ⅜-in. shaft extends 1⅝-in.; keyway and bevel. Stamped steel cradle-type base with rubber mounting. 110–120-volt, 60-cycle A.C. Mounting dimensions 3 x 4⅞ in.

99 A 01970K—Shpg. wt. 29 lbs. . **$21.00**

**We will repair any Sears motor found defective in materials or workmanship if returned within 1 year of purchase date.*



Motor Rails . . Motor Mounts . . Switches . . Extension Cord

D **Adjustable Motor Rails.** For jobs where motor is not moved. Easy to adjust belts; loosen bolts holding motor to rail, slide motor for belt tension desired, tighten bolts. For any fractional H.P. motor . . 2⅛-in. maximum belt take up.

9 A 2279—Shipping weight 3 pounds..... Per pair **$1.50**

E **Deluxe Floating Motor Rail.** Has support for rear end of motor, rubber cushioning and right-angle clips. Clips allow motor to be mounted behind or under tool. Adjustable rear rail pivot support. For any fractional H.P. motor with 3⅛-in. to 4⅜-in. base mounting holes. Use with standard clips.

9 A 2326—**Complete set.** Shipping weight 2 pounds..... **$2.35**

9 A 2328—**Rail clips only.** For use with idler drives on drill press at odd angles, etc. Shpg. wt. 10 oz..... Per pair **90c**

F **Floating Motor Rails.** For any fractional H.P. motor with 2⅝-in. to 5-in. base mounting holes.

9 A 2275—**Rail and one pair clips.** Shpg. wt. 1 lb. 13 oz...**$1.05**

9 A 2277—**Pair of rail clips only.** Shpg. wt. 7 oz..... **35c**

G **Multi-purpose Mount.** Ideal for mounting motors on washing machines, stokers, ventilating fans, and for similar installations. Stamped steel cradle-type base and rubber mounting. Easy to set up; simply remove regular motor base and fasten mount to end bells of motor.

9 A 1969—Fits motors 99 A 01966K and 99 A 01974K (listed above). Shpg. wt. 2 lbs..... Each **$1.39**

H **CRAFTSMAN Multiple Outlet Power Panel.** Use wherever additional outlets are needed. Two toggle switches. 3 receptacles. Ruby light shows when "on." 6-ft. extension cord. Plugs in wall socket. Rated 10 amps. at 110–120 volt 60-cycle AC. In steel box. With 6-ft. extension cord; plug.

9 A 2576—**UL Approved.** Shpg. wt. 2 lbs..... **$5.95**

J **Switch and Power Panel.** For work bench or industrial use. Easy to install. Safer; handier . . . just press black button to turn power on, red button to turn it off. Double-pole switch breaks both sides of power line. **Heavy duty** 1½-HP rated switch; 125–230-volt AC or DC. Steel receptacle box; 8-ft. 14-gauge rubber covered cord; plug. Receptacle in rear to plug in motor. For wood or metal benches.

9 A 1923—With mounting bolts. Shpg. wt. 3 lbs..... **$12.50**

K **"On-off" Motor Switch.** Same as on Motors 99 A 01977K, 99 A 01978K, 99 A 01980K and 99 A 01981K (page 44) and 99 A 01950L, 99 A 01951L and 99 A M1952 Grinders (pages 50 and 51). For ¾-H.P. 3450 R.P.M. or smaller.

9 A 1921—**UL Approved.** Shipping weight 3 ounces..... **95c**

"On-off" Motor Switch. (Not shown.) For motors up to and including ½-H.P. 1750 R.P.M. and ⅓-H.P. 3450 R.P.M. Plastic toggle handle and switch box. **UL Approved.**

9 A 1920—Shipping weight 3 ounces..... **59c**

L **Electric Extension Cord.** Extra heavy duty, safe for motors and all portable electric tools. 2-conductor wire, rubber covered. Type "S". Heavy duty unbreakable rubber plug and connector. **UL Approved. Choose RIGHT SIZE cord** to assure full voltage at motor, lessen burnout danger.

34 A 5884—**25 feet. 10 gauge.** Shpg. wt. 4 lbs. 11 oz.... **$8.50**

34 A 5885—**50 feet. 14 gauge.** Shpg. wt. 9 lbs..... 12.50

Like above, but No. 18 gauge for light tools only. Fine for ¼-horsepower motors, or less. Type "SJ."

34 A 5826—**25 feet long.** Shpg. wt. 1 lb. 5 oz..... **$1.89**

34 A 5827—**50 feet long.** Shpg. wt. 2 lbs. 8 oz..... 2.98

M **Handy Metal Reel.** Reel off as much cord as you need.

34 A 5883—Green enameled finish. Shpg. wt. 2 lbs..... **89c**

Four Times Tested!

CRAFTSMAN Welder

REG. U. S. PAT. OFF.

It's Safer! Non-Flash Mixer Set Beyond the Torch Head!

1 Tested and approved by Underwriters' Laboratories, Inc.
2 Approved by Associated Factory Mutual Insurance Companies
3 Tested and approved by Sears own testing laboratories
4 Every part individually tested at factory before shipment
- All parts ground and hand fitted to eliminate leaks
- Regulators have patented safety pressure relief devices
- All parts are made of solid brass or bronze

Farmers! Factories and industrial shops! Garages, repair and welding shops! Scrap-yard operators! Maintenance men! Just what you've been looking for . . a super quality oxy-acetylene welding outfit at a price you can afford. Pays for itself many times over.

Farmers—welding is easy! With this unit and the Welder's Handbook (included) plus only a little practice, you'll be able to do your own welding. Readily portable . . use it anywhere, even where electricity is not available. Make field repairs . . no need to bring work to shop.

Extra heavy duty construction . . . has exclusive features found in no other welder! Balanced pressure non-flash mixer is beyond head of torch and outside of torch handle for maximum safety. Regulators have patented safety pressure relief devices. Tips are one-piece SWAGED solid drawn copper; superior to ordinary tips; will not backfire! 17¾-inch long-life bronze non-flash torch; use with right or left hand; can be turned off without disturbing setting at regulators. 6-inch gooseneck is bronze forging—will not bend. Forged bronze-bodied regulators, with off-on feature, have two pressure gauges with brass cases—0 to 80 and 0 to 4,000-pound oxygen regulator; 0 to 30 and 0 to 500 pound on acetylene regulator. See chart at left for convincing proof that CRAFTSMAN welders give you more for your money.

Also included with this unit: Five wide-range tips (sizes AA-1, AA-2, AA-3, AA-4 and AA-5); 25 ft. of Twin Siameez Hose (tested to 800 pounds per square inch); assorted welding rods; flux; lighter; two wrenches; 50 mm. welders' goggles; 258-page Welder's Handbook. (Unit may be used as cutting torch with 9 A 5444 attachment—not included in unit; please see below.)

99 A 05442K—Complete Unit, as above. Shipping weight 29 lbs. . . . **$69.50**

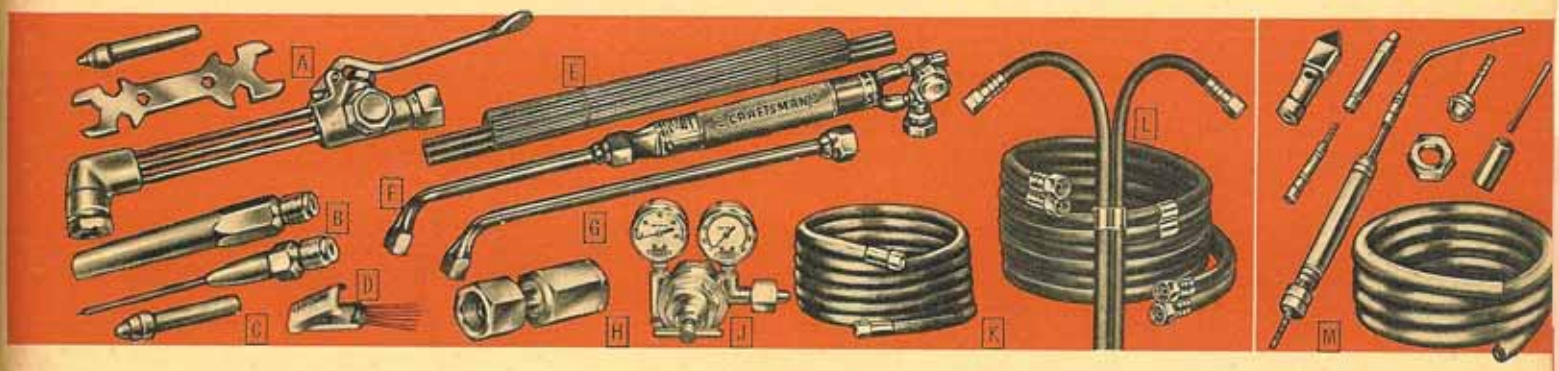
9 A 5410—Flux only. Can be used for all kinds of acetylene welding. Shipping weight 1 pound 8 ounces . . . . . 1-pound can **70c**

9 A 5411—258-page Welder's Handbook. Shipping weight 1 lb. **$3.50**

Here's PROOF that CRAFTSMAN Welders give you more for your money!

Chart below shows some of the important features of the CRAFTSMAN Welder, compared with 4 other leading brands. Check them yourself! See why CRAFTSMAN has become standard equipment in so many welding shops throughout America!

FEATURE	CRAFTSMAN	Brand A	Brand B	Brand C	Brand D
Is mixing chamber located outside of torch handle for maximum safety?	YES	NO	YES	NO	NO
Are all parts of torch in contact with gases made of brass, bronze, Monel or other non-ferrous metals?	YES	NO	NO	NO	NO
Do regulators have foolproof safety diaphragm shearing mechanisms to prevent dangerous pressure on reduced pressure side of regulator?	YES	NO	YES	NO	NO
Are regulators designed so that gas pressure shuts itself off without depending on springs?	YES	NO	YES	NO	NO
Does oxygen regulator have heat-absorbing nozzle to insure against ignition of worn or damaged seat?	YES	NO	YES	NO	NO



Oxy-Acetylene Welding Attachments and Accessories

A CRAFTSMAN Cutting Attachment. *Underwriters' Lab., Inc. approved.* 3-tube construction, per U.S. Navy Specification 41T18h. Use with welder's outfit 99A05442K listed above. Replaces mixing attachment. Use in place of mixer. Complete with one B-3 cutting tip, wrench and simple instructions.
9 A 5444—Shpg. wt. 2 lbs. 12 oz. **$16.50**

B CRAFTSMAN Welding Tips. Heavy, one-piece solid drawn copper. Polished finish. Use with 99A05442K listed above, or with 9A5429 listed at right. Shipping weight each 4 oz.
9 A 5441—*State size wanted* . . . . . Each **$1.75**

Size	Capacity, in.	Size	Capacity, in.
AA-0	Soldering	AA-5	⅜ to 3/16
AA-1	3/64 to 3/16	AA-6	½ to ¾
AA-2	3/64 to ⅛	AA-7	⅝ to 1
AA-3	⅛ to 3/16	AA-8	1 in. up
AA-4	3/64 to ⅜		

C CRAFTSMAN Cutting Tips. For use with cutting attachment 9A5444 listed above.
9 A 5447—*State size wanted* . . . . . Each **$2.95**

Size	Cuts Steel	Shpg. wt.
B-1	Up to ⅛ inch	6 oz.
B-2	⅛ to ½ inch	6 oz.
B-3	½ to 1½ inches	6 oz.
B-4	1½ to 4 inches	6 oz.
B-5	4 to 6 inches	6 oz.

D CRAFTSMAN Welding Tip Cleaners. For all CRAFTSMAN tips. In metal case.
9 A 5425—Shipping weight 3 oz. **$1.95**

CRAFTSMAN Cutting Tip Cleaner. Fits all CRAFTSMAN torch tip sizes. In metal case.
9 A 5445—Shipping weight 3 oz. **$1.75**

E Assorted Welding Rods. A complete selection that permits you to do oxy-acetylene welding of bronze, cast iron, aluminum, mild steel. Includes 91 rods as follows: four ⅛x18-inch and four 3/64x18-inch Tobin bronze rods; thirty 3/32x18-inch, twenty-two ⅛x18-inch, twelve 3/16x18-inch and eight ¼x18-inch mild steel rods; four 3/16x18-inch drawn aluminum rods; seven ¼x24-inch cast iron rods.
9 A 5440—Shipping weight 12 lbs. **$4.75**

F Welding Torch. Approved by Underwriters' Laboratories, Inc. High quality bronze non-flashback torch with 6-inch gooseneck mixer; 17¾ inches long over-all. Gooseneck is solid bronze drop forging . . . will not bend. Will cut steel with 9A5444 cutting attachment listed at left.
9 A 5429—Shipping weight 3 lbs. . . . **$15.75**

G 12-inch Mixing Chamber. Solid drop-forged bronze construction. Gooseneck type. Necessary when using 9A5441 welding tips, sizes AA-6, AA-7 or AA-8, listed at left.
9 A 5443—Shipping weight 13 oz. **$5.95**

H Adapter for Airco, Commercial or Searchlight tanks.
9 A 5413—Shipping weight 5 ounces **$1.60**
9 A 5414—**Adapter** for Prest-O-Lite auto lighting tanks. Wt. 5 oz. . **1.60**

J Oxygen Regulator. Approved by Underwriters' Labs., Inc. 0 to 80 and 0 to 4,000-lb. gauges; brass cases. Guaranteed accurate.
9 A 5430—Shipping weight 5 pounds 10 ounces **$17.95**
High-pressure Oxygen Regulator. Approved by Underwriters' Laboratories, Inc. Use to cut metal thicker than 3 in. With 0 to 300 and 0 to 4,000-lb. gauges. Delivery pressure adjustable from 0 to 150 lbs.
9 A 5448—Shipping weight 5 pounds 10 ounces **$17.95**
Acetylene Regulator. Approved by Underwriters' Laboratories, Inc. 0 to 30 and 0 to 500-pound gauges. Brass cases. Guaranteed accurate.
9 A 5431—Shipping weight 6 pounds **$15.95**

K ¼-inch Green Oxygen Hose. With connections. *State length wanted.*
9 A 5437—12½ feet. Shipping weight 1 lb. 12 oz. **$1.95**
25 feet. Shipping weight 2 lbs. 15 oz. **3.45**
¼-inch Red Acetylene Hose. With connections. *State length wanted.*
9 A 5438—12½ feet. Shipping weight 1 lb. 12 oz. **1.95**
25 feet. Shipping weight 2 lbs. 15 oz. **3.45**

L "Siameez" Welding Hose. Heavy duty welding hose. Oxygen and acetylene hose molded together to form one unit.
9 A 5426—12½ ft. with connections. Shpg. wt. 3 lbs. 8 oz. **$5.95**
9 A 5427—25 ft. with connections Shpg. wt. 7 lbs. **9.50**

M CRAFTSMAN Heating-Brazing Set. Use with Prest-O-Lite cylinders to solder, braze, burn paint, etc. Operates on acetylene only. Requires pressure up to 4 lbs. for largest tip. Not to be used with oxygen or air pressure. Includes: handle; three heating tips; soldering copper; paint burning tip; tank connection; tip cleaner; 5 ft. rubber hose; instructions.
9 A 5446—Shipping weight 2 pounds **$6.95**

Cut Repair Bills..Weld it Yourself!

Fully Illustrated instruction book shows you how!

$199.50 CASH
200-ampere welder
ONLY **$20.00** DOWN ON EASY TERMS

CRAFTSMAN Welding is Easy and Profitable!

REG. U.S. PAT. OFF.

Ideal for proper maintenance of expensive farm machinery

Its versatility makes it perfect for garages, repair shops

Enables you to build up your own home repair shop business

Excellent for smaller factory production line welding jobs

CRAFTSMAN 200-amp. A. C. Electric Arc Welder

REG. U. S. PAT. OFF.

CRAFTSMAN 200-amp. Arc Welder. Our Best. Professional quality . . . for garages, factories, mills, body and welding shops, etc. New compact design, 16 heats . . . 20 to 200 amps. actual welding current. Range of current outlets allows variety of work. Cuts, brazes, solders and welds metals of all thicknesses. Coils are double insulated with spun glass dipped in varnish, then baked . . . makes it practically impossible to burn out welder if used on correct supply (220–230 volts). Transformer has high power factor for greater efficiency and reduced current consumption. No fans . . . natural cooling. Uses electrodes up to 5/16-in. Heavy 16-gauge 28¼x18¼x19½-in. steel cabinet. Maximum line draw 47 amps.; maximum K.V.A. 10.8; maximum K.W. 7.2; maximum open circuit secondary voltage 80. *Meets latest UL specifications for industrial welders.*

For use on single-phase 220–230 volt 60-cycle AC only. Approved code-type on-off line switch. Built-in reactance helps maintain steady arc . . . automatically increases voltage on low heats. Sturdy steel feet in front; large wheels in rear. Stub wire leads for A.C. connection. With 5 lbs. assorted welding electrodes, wire brush, electrode holders, two 15-foot flexible cables, welding helmet, and manual (9 A 2025 described on page 49). *Check voltage, cycle, phase and capacity of your power line with local company before ordering.*

SPECIFICATIONS: 99 A M2017

- Maximum amperes actual welding current.....200 amperes
- Welding heats available (actual welding current).....Sixteen: 20 to 200 amps.
- Maximum rod size.....5/16 inch
- Type of service.....Continuous
- Current supply required.....Single phase 220–230-volt A.C.
- Maximum open circuit secondary volts.....80 volts
- Maximum line draw.....47 amperes
- Maximum kilowatts.....7.2 kilowatts
- Maximum kilo-volt-amperes.....10.8
- Cabinet dimensions, Height 28¼ inches, Width 18¼ inches: Depth 19½ inches.

99 A M2017—Shipping weight 274 pounds.....**$199.50**

Welders' Supplies . . Twin Carbon Torch . . Electrodes

A **CRAFTSMAN Industrial Twin Carbon Torch.** For brazing, soldering, etc., on A.C. arc welders. Insulated fiber grip. Easy sliding control. Off switch. Ideal for thin metals, etc. Lightweight . . . perfectly balanced. 15¾ in. long. With 5-ft. cables, carbons, instructions. Holds ¼ to ⅜-inch carbons.

9 A 2007—Shpg. wt. 4 lbs. 6 oz.....**$13.95**

Twin Torch Cored Carbons.
9 A 2020—¼x6 inches. Shpg. wt. 2 oz....Each **12c**
9 A 2021—5/16x6 in. Shpg. wt. 2 oz....Each **15c**
9 A 2022—⅜x6 in. Shpg. wt. 2 oz....Each **17c**

B **20-lb. Electrode Assortment.** (About 380 rods.) A complete assortment! For A.C. or D.C. welders (D.C. reverse polarity). Includes: *Rods for mild steel welding:* 2 lbs. 3/32-in. rods; 4½ lbs. 1/8-in. rods; and 4½ lbs. 5/32-in. rods; *for cast iron welding:* 4½ lbs. 1/8-in. rods; *for hard surfacing:* 4½ lbs. 1/8-in. rods. Shipping weight 22 pounds.
99 A 02024K—Complete Assortment.....**$5.00**

C **CRAFTSMAN Welding Electrodes.** Flux-coated for A.C. or D.C. (D.C. reverse polarity) welders. *When ordering, be sure to state catalog number, package and rod size.*
9 A 2003—For use on mild steel. *State size wanted.*

Pkg.	Shpg. wt.	1/16-in.	3/32-in.	1/8-in.	5/32-in.	3/16-in.
2 lbs.	2 lbs. 2 oz.	$1.19	.....	.....	.....	.....
5 lbs.	5 lbs. 12 oz.	.....	$1.45	$1.19	$1.19	$1.19
25 lbs.	29 pounds	.....	6.75	5.50	5.50	5.50

9 A 2055—For use on cast iron. State 1/8-in. size.
5-lb. pkg. Wt. 5 lbs. 12 oz. $1.19 25-lb. pkg. Wt. 29 lbs. $5.50
9 A 2004—For use on hard surface. State 1/8-in. size.
5-lb. pkg. Wt. 5 lbs. 12 oz. $1.95 25-lb. pkg. Wt. 29 lbs. $9.25

D 9 A 2002—**Brazing Rod Kit.** 2 pounds 18-in. x 1/8-in. bronze rods. 5 oz. flux. Shpg. wt. 2 lbs. 10 oz.....$4.25

Industrial Welding Helmets

E **One-piece seamless vulcanized fiber construction.** Our best. Scientifically designed and tested. Withstands hardest use. Fiber head band adjustable over wide range of sizes . . easily adjusts with metal knob. No metal touches head. Mask covers entire front of head . . extends down under chin and around on sides and top . . operator cannot receive "flash" from welding torch. Friction joint adjustable from outside for free-floating action; secure in "on" and "off" positions. Bakelite glass holder. 2x4½-in. clear cover glass provided. *Filter lens not included* (sold separately below).
9 A 1324—Shipping weight 2 pounds 9 ounces.....Each **$8.65**

F **Fabricated fiber construction.** Adjusts to fit head size. Can be thrown back without removing from head. Friction joint between headband and helmet readily adjustable and secure in both "on" and "off" positions. Scientifically designed construction protects welder from torch "flash." 2x4½-in. clear cover glass and No. 10 shade filter lens provided.
9 A 1326—Shipping weight 2 pounds 8 ounces.....**$3.75**

Extra Filter Lens and Cover Glass. (Not illustrated.) For arc welding use. Size 2x4½-in. Fit almost all styles of helmets. Shpg. wt. each 5 oz.
9 A 1327—No. 10 shade Filter Lens. For 75 to 250-amp.....**$1.00**
9 A 1328—No. 12 shade Filter Lens. For 250-amp. or over.....**1.00**
9 A 1329—Clear Cover Glass. Protects filter lens from sparks.....**6c**

Pay for your welding equipment while you use it! Buy on Sears Easy Payment Terms. See inside back cover for complete details

CRAFTSMAN *Arc Welders for Intermittent Use!*

REG. U.S. PAT. OFF.

$159.50 CASH
180-ampere welder
$16.00 DOWN ON EASY TERMS

It's Easy to Weld . . Learn quickly with CRAFTSMAN Illustrated Manual

Striking an arc is like striking a match! Sketches above are from "Arc-Weld-it Yourself" Manual . . included with all CRAFTSMAN Arc Welders. Also sold separately.

36 fact-packed pages outlining each phase of arc welding from a "green" beginning to the experienced expertness possible with practice. 165 step-by-step illustrations. All in **Arc-Weld It Yourself**, described below.

$69.95 CASH
75-ampere welder
$7.00 DOWN ON EASY TERMS

CRAFTSMAN 180-amp. WELDER

REG. U.S. PAT. OFF.

- Ideal for intermittent service in farm, garage, small industrial shops; operates perfectly on REA and other power lines
- Approved by Underwriters' Laboratories, Inc.; meets REA and NEMA standards

Newly designed. Operates on REA lines. You actually weld 2 min. out of 10 at 180 amps. Much longer at lower rating—more than needed for normal farm maintenance or light production work. Line draw only 37 amps. max. when welding.

16 heats . . . 20 to 180 amps. actual welding current. Has all principal features of welder described at left. *UL approved*. Max. open circuit secondary volts 65; K.V.A. 8.5 max.; max. K.W. 5.7. With two 15-ft. flexible ground and electrode cables, and 7-ft. primary cable.

This is a complete welding outfit. Just plug it in on a properly fused (40-amp.) line and weld. Accessories include: 5 lbs. of assorted electrodes; electrode holder; wire brush; helmet; manual. 16-gauge 28¼x18¼x19½-in. steel cabinet. Use 1/16 to 3/16-in. rods. For single phase 220–230-volts 50/60 cycle AC only power lines where local distribution transformer is 3 K.V.A. or greater. *Check voltage, phase, cycle, capacity of your line before ordering.*

99 A M2026—Shipping weight 223 pounds **$159.50**

99 A M2010F—As above, but power factor corrected to 75%. Max. primary amps. at rated output 33. Max. K.V.A. 7.58. Shipped from factory near St. Louis, Mo. Pay shipping charges on delivery. Shipping weight 229 pounds **$179.50**

CRAFTSMAN LIGHT DUTY 75-amp. WELDER

REG. U.S. PAT. OFF.

- Compact, portable. For light maintenance on farms, in homes
- Ideal for the home shop; easy to operate. Instruction Manual included
- Tested and Approved by Underwriters' Laboratories, Incorporated
- For maximum life windings insulated with spun glass

Designed especially for light maintenance in farm and home shops. We believe it is the finest small shop welder on the market. Built to same standards as our big industrial welders. 20% duty cycle for intermittent service. Automatic voltage regulation. Natural draft cooling; no fans. Built-in on-off toggle switch. Sturdy 16-gauge steel cabinet 14½x12¼x10-in. Maximum rod size ⅛ in. Even more useful with Twin Carbon Torch 9A2007 (page 48). *Approved by Underwriters' Laboratories, Inc.* This is a complete welding outfit. Just plug it in on properly wired and fused (30-amp.) house or shop circuit.

Four heats . . 30, 45, 60, 75 amps. actual welding current. Maximum open circuit secondary volts 65; max. K.W. 2.0; max. KVA 3.0; max. line draw 26 amps.; line draw when idle 1.5 amps. With two flexible work cables (7-ft. ground, 9-ft. electrode cable); carbon electrode; electrode holder; wire brush; 2 pounds assorted welding rods; welding helmet; manual (9A2025 below). Spun glass insulation. For single phase 110–120 volt 50–60 cycle AC only. *Check voltage, phase, cycle, capacity of your line before ordering.* Shipped freight, express or truck.

99 A M2011—Shipping weight 73 pounds **$69.95**

Don't risk injury while you work . . Sears Safety Equipment costs so little!

A Low Cost Respirator. For pollen and for dust from wood, grain, metal, stone. Lightweight molded rubber frame.
28 A 6087—Shipping weight 8 oz. **$1.98**

B Chemical Respirator. Pliable, non-irritating rubber with positive sealing edges. Valve can't stick open. Changeable cartridge protects against paint fumes, etc.
28 A 6077—Shipping weight 12 oz. **$3.98**
28 A 6078—**Extra Filter for above.** Shpg. wt. 5 oz. **Each 69c. Package of 5** **2.98**

28 A 6075—**Dust Respirator.** As above. Filter protects against both poisonous and disease producing dusts. Shpg. wt. 10 oz. . . . **$3.65**
28 A 6076—**Extra Filters** for above.
Shipping weight 4 oz. **Package of 5** **59c**

C Face Shield. Protects eyes, face; plastic Snap-on window. Adjustable. Has sweatband.
28 A 6085—Shpg. wt. 1 lb. **$2.45**
28 A 6086—**Extra Window.** Shpg. wt. 8 oz. **$1.10**

D New! Featherweight Plastic Goggle. Wide, distortion-free vision. Wear alone or over spectacles. Non-flammable. Perforated.
28 A 6095—Shipping weight 4 oz. **$1.49**

E New! Wide Vision Goggle. Lightweight, perforated aluminum frame. Clear, hardened safety lenses. Face cushion for added comfort.
28 A 6096—Shipping weight 4 oz. **$1.69**

F Welder's Goggle. Shade 5 lenses; for light acetylene work. Elastic headband for comfortable fit. Changeable lens.
28 A 6053—Shipping weight 4 oz. **$2.15**
Over-spectacle style. Like 28 A 6053 above but fits over regular glasses.
28 A 6054—Shipping Weight 12 oz. **$2.49**
Extra No. 4 density Filter Lenses. 50-mm. For welding, etc.
28 A 6055—Shipping weight 3 oz. . . . . **Pair 85c**
Extra No. 6 density Filter Lenses. 50-mm. **For heavy welding.**
28 A 6057—Shipping weight 3 oz. . . . . **Pair 79c**

G Industrial Chipping, Grinding Goggle. Eye protection from all directions. 50 mm. hardened lenses. Adjustable.
28 A 6060—Shipping weight 9 oz. . . . **$2.19**
28 A 6061—Larger than above, made to fit over regular glasses.
Shipping weight 12 oz. **$2.39**
Extra 50-mm Lenses. For above glasses also for (H). Sold in pairs.
28 A 6088—Shipping weight 3 oz. **85c**

H Lightweight Spectacle type Goggle. Full angle vision. Plastic frame. Clear 44-mm. 6-curve armor-plate lens. Wire cored paddle temples.
28 A 6079—Shipping weight 5 oz. . . . **$2.75**

J Goggles with Wire mesh shields for chipping, grinding. Non-corroding frame insulated temples. Hardened, ground 50-mm. lenses.
28 A 6070—Shipping weight 8 oz. . . . **$1.98**

36-page Arc Welder Manual

K It's Easy to Weld . . learn how with this 36-page, illustrated instruction book. 165 illustrations and easy to follow instructions cover all steps from learning to weld to the repair of equipment and building of new devices for more efficient work on the farm and, in the shop or factory. Describes equipment to be used and clothing to be worn. Shipping weight 3 ounces.
9 A 2025 . . . . . **49c**

CRAFTSMAN Grinding Tools

REG. U.S. PAT. OFF.

A CRAFTSMAN Grinder Hone. Puts a perfect edge on almost any tool or implement. Grinds and hones. Aluminum oxide ¾x6-in. grinding wheel has 60-80-grit; turns at 3450 RPM on grease-sealed ball bearings . . ¾x5-in. oilstone . . speed reduced to 115 RPM by worm gears; turns on 1¼-in. heavy duty Oilite bearing. Has 120-grit for whetting, 320 for honing. Gears and spindle run in bath of oil. Two adjustable tool rests; grinder tool rest can be used on side or edge of wheel. Grinding wheel guard removable. Steel construction: 8x10½x9 in. deep overall. With guard and machine pulley. DO NOT run grinder spindle over 3450 RPM.
99 A 02267K—Shpg. wt. 21 lbs... **$31.50**

99 AT 02268L—Grinder with DUNLAP ¾-HP 1750 RPM split phase bronze bearing motor (110–120-volt, 60-cycle AC), V-belt, motor pulley. Shipping wt. 45 lbs..... **$45.50**

B CRAFTSMAN heavy duty Grinder. Porous bronze bearings; oil well around each. Drive from rear or below. 15½x⅜-in. spindle; ¾-in. at ends; takes up to 8x1¼-in. wheels with ⅝-in. arbor holes. 2 pulleys for flat or V-belts. Idling pulley locks for double V-drive. Adjustable tool rests. Gray enameled.
99 A 06629K—**Grinder head only.** Without motor, motor pulley, V-belt or grinding wheels. Shpg. wt. 24 lbs... **$9.25**

99 A T6725K—**Grinder Head** with DUNLAP ¾-H.P. 1750 R.P.M. split phase 110–120 volt 60-cycle A. C. motor; 4-in. motor pulley; V-belt. Wt. 46 lbs..... **$23.50**

C 9 A 6421—**Guards.** For 99A06629K. 8-in. capacity. Shipping weight 7 lbs. 8 oz..... Pair **$2.85**

D 9 A 6420—**Sickle Bar Holder.** For 99A06629K. To hold mower knives rigidly while sharpening. Wt. 4 lbs.. **$3.30**

E CRAFTSMAN Wet Grindstone. Extra heavy duty. For machine shops, factories, garages, etc. Highest quality natural Ohio grindstone; 10-in. diameter, 1½-in. face. Built-in jackshaft. Heavy cast iron body; cast iron bearings. Adjustable 3-in. tool rest. Hinged splash guard. Drain plug. With 4½-in. drive pulley. Use 1½-in. motor pulley with 1750 R.P.M. motor. Gray enameled. Bench not included. (We recommend bench 99A01048K listed and described on page 34 of this catalog.)
99 A 06620K—Without motor, motor pulley, V-belt or bench. Shpg. wt. 34 lbs..... **$12.50**

99 A T6727K—With DUNLAP ¾-H.P. 1750 R.P.M. split phase bronze-bearing 110–120 volt 60-cycle AC motor; 1½-in. motor pulley; V-belt. Wt. 56 lbs..... **$26.50**
9 A 6621—**Replacement Stone for above.** Shipping weight 13 pounds..... **$3.75**

½-H. P. Heavy Duty Grinder

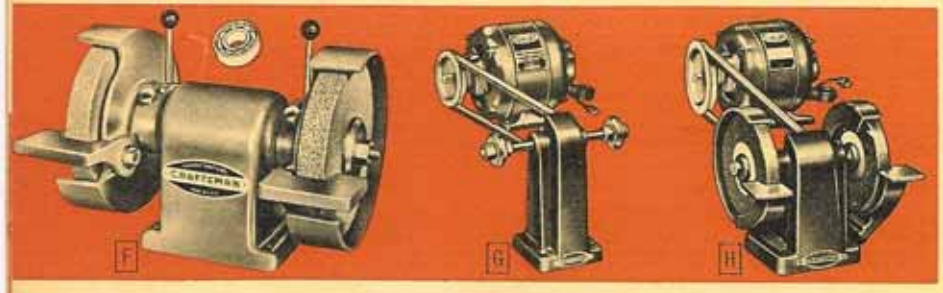
CRAFTSMAN The most outstanding . . completely different ½-H.P. heavy-duty Grinder we've ever sold! Has features found on no other grinder in this price range. **Guaranteed 1 year!** We will repair any electric grinder found defective in materials or workmanship if returned within 1 year of date of purchase. Built for industrial use . . . ideal for heavy work in machine shops and factories.

Multiple position tool rests . . mounted on steel bar at front of housing . . they can be raised or lowered . . moved into any position you need for the job. (Wrench included.) Wheels project 1-inch beyond front of housing . . allowing operator to grind across face of wheel. Wheels enclosed by guards at sides . . guards are removable.

Convenient water pan in base. Goose neck lamp (for 60 watt bulb) mounted on grinder . . adjusts in any position. Adjustable, shatterproof 5¾x4⅞-in. eye shields give protection against flying sparks and particles from grinding wheels . . 4½x3⅝-in. glass area. Strong ¾-inch steel shaft, turned down to ⅝ inch at wheel ends. Heavy cast iron frame in rust resisting gray enamel. Rubber mounted for quiet operation.

Underwriters' Laboratories approved (Industrial Standards) ½-H.P. CRAFTSMAN ball bearing capacitor motor . . fully enclosed. Nylon insulated . . has greater resistance to heat. 3450 R.P.M. no load speed. On-off toggle switch located at front of grinder. Motor operates on 110–120 volt, 60-cycle AC. With 8-foot cord, plug. Height 12 inches . . width 19¾ inches. Base 9½-in. wide . . 11-in. deep. 2⅞-in. wheel flanges. With two 7x1-in. aluminum oxide grinding wheels (medium and coarse).

99 A M1952—Shipping weight 85 pounds..... **$65.95**



No shop is complete without a grinder

F CRAFTSMAN 8-in. Grinder. Our best. Designed for rugged heavy duty production work but equally useful in home workshops. Spindle runs on precision ball bearings—lubricated for life. Convenient rotating guard mechanism saves time, effort. Finger spring at end of each bearing helps prevent end play. Rotating guards adjust and lock at any position. Ball-in-spring mechanism locates two most used positions. Precision ground 15½x1-in. spindle; ¾-in. at ends.

Adjustable tool rests rotate with guards. Wheels project 1⅝ in. beyond front of housing . . permit grinding across front of housing. With 2-step V-drive pulley for ½-in. V-belt; two 8x1¼-in. grinding wheels (medium fine and coarse grits). Shipping weight 50 pounds.
99 A 06613L..... **$24.95**

G CRAFTSMAN Polishing Head. General purpose type . . . ideal for polishing, removing paint or rust, drilling. Cast iron frame; enameled gray. Spindle threaded ½-in. 20-thread.

Porous bronze bearings; oil well around each. Spring cap oil cups. Height 7½ inches. Machined steel flanges. Can be driven from rear or below. Comes with 2-inch pulley for V-belt. **Not recommended for use with grinding wheels.** Why not try Sears Easy Payment plan? Details on opposite page.

9 A 6627—**Head only.** Without motor, motor pulley or V-belt. Shpg. wt. 5 lbs. 8 oz..... **$4.45**

99 A T6657K—With DUNLAP ¾-HP 1750 RPM split phase, 110–120-volt, 60-cycle A.C. motor; motor pulley; V-belt. Shipping weight 29 lbs.... **$19.00**

H CRAFTSMAN 6-inch Grinder. Heavy duty. Ideal for home or shop. Smooth running. Wide clearance between wheel centers. 9¾x⅝-in. spindle; ½-in. at ends; 20-thread. Extra-long porous bronze bearings; oil well around each. Spring cap oil cups. Adjustable guards, tool rests. Shielded 2-step V-drive pulley for ⅜-in. V-belt. Gray enameled. Takes standard accessories; drive from rear or below. With two 6x¾-in. vitrified grinding wheels (fine and medium grits).

99 A 06614—**Grinding head and wheels only.** Without motor, motor pulley, V-belt. Shipping weight 19 pounds.... **$12.95**

99 A T6655K—**Grinding head** with DUNLAP ¾-H.P. 1750 R.P.M. split-phase 110–120-volt 60-cycle AC motor; 5-in. motor pulley; V-belt. Shpg. wt. 42 lbs..... **$27.00**

CRAFTSMAN Grinding Wheels

Sides and face dressed square. Aluminum oxide abrasive . . . longest wearing. Uniform crystalline structure. Bonded and vitrified (crystallized) in an electrically controlled furnace for over 150 hours. Wheels up to and including 8-in. diam. have 1-in. arbor holes. Bushed arbor. (*) Bushing furnished for shafts ¼, 5/16, ⅜, ½, ⅝, and ⅞-in. diam. State shaft diameter wanted. *See safety information when ordering.*

How to Order: Please be sure to give: (1) catalog number; (2) diameter of wheel; (3) thickness of wheel; (4) shaft diameter.

Select the correct grit for your job:

FINE . . . for knives, keen edged tools, finish grinding, polishing.
MEDIUM FINE . . . for woodcutting tools, preparation for finish.
MEDIUM COARSE . . . for machine shop use, or fast removal of stock.

Safety Information: (1) Don't grind on side of wheel. (2) Use only on machines equipped with proper size flanges. (3) Use guard and shatterproof glass shield covering ¾ of wheel. (4) Don't exceed R.P.M. shown. (5) Wear safety goggles. (6) Stand aside for 1 minute after starting wheel. (7) Follow safety instructions shown.

Diam. Wheel 3 in.	Diam. Flange 1¾ in.	R.P.M. 8276
Diam. Wheel 4 in.	Diam. Flange 1¾ in.	R.P.M. 6207
Diam. Wheel 5 in.	Diam. Flange 1¾ in.	R.P.M. 4966
Diam. Wheel 6 in.	Diam. Flange 2 in.	R.P.M. 4138
Diam. Wheel 7 in.	Diam. Flange 2½ in.	R.P.M. 3600
Diam. Wheel 8 in.	Diam. Flange 3 in.	R.P.M. 3103

Diameter and thickness	Bore* Inches	Shipping wt., lbs.	9 A 6412 Fine	9 A 6411 Medium Fine	9 A 6415 Medium Coarse
3x½ inches...	1	1	45c	45c	.....
3x¾ inches...	1	1	53c	53c	.....
4x½ inches...	1	1	69c	69c	.....
4x¾ inches...	1	2	89c	89c	.....
4x1 inches....	1	2	98c	98c	.....
5x½ inches..	1	2	$1.10	$1.10	.....
5x¾ inches...	1	3	1.25	1.25	.....
5x1 inches....	1	3	1.45	1.45	.....
6x½ inches...	1	3	1.23	1.23	$1.23
6x¾ inches...	1	3	1.45	1.45	1.45
6x1 inches....	1	4	1.63	1.63	1.63
7x½ inches...	1	3	.....	1.49	.....
7x¾ inches...	1	4	1.75	1.75	1.75
7x1 inches....	1	5	1.95	1.95	1.95
7x1¼ inches...	1	6	.....	.....	2.25
8x¾ inches...	1	5	2.00	2.00	2.00
8x1 inches....	1	6	2.45	2.45	2.45
8x1¼ inches..	1	7	.....	2.75	2.75
8x1½ inches...	1	9	3.25	3.25	3.25

$48.50 CASH
$5.00 DOWN

CRAFTSMAN 1/3-H.P. Grinder

REG. U.S. PAT. OFF.

Heavy-duty production-type. Designed and built to withstand rugged use. Ideal for factories, machine shops, garages, mills, any place where a top quality, tough grinder is needed.

Guaranteed for one year! We will repair any electric grinder found defective in materials or workmanship if returned within 1 year of date of purchase.

Industrial design and outstanding features give you a wider working range. 13½-inches clearance between wheels . . this means greater area for tools to be ground. Wheels project 1-inch beyond front of housing . . allowing operator to grind across the face of wheel . . giving longer wheel USE. Wheels enclosed by guards at sides . . wheel guards removable . . dust chute in rear of each.

Underwriters' Laboratories approved (Industrial Standards) ⅓-H.P. CRAFTSMAN ball-bearing capacitor motor . . fully enclosed . . Nylon insulated windings. 3450 R.P.M. no load speed. On-off toggle switch located at front of grinder. Motor operates on 110–120 volt, 60-cycle AC. With 8-ft. cord and plug.

Adjustable, shatterproof 5¾x4⅞-in. eye shields with 4½x3 9/16-in. glass area. 3x2¼-in. adjustable tool rest. Rugged cast iron frame. ¾-in. steel motor shaft, turned down to ½-in. at wheel ends. Frame finished in gray enamel. Rubber mounted for quiet operation. 2⅞-in. wheel flanges. Height 10 in., width 17½ in. Base 9 in. wide . . 7⅝ in. deep. With two 7x¾-in. CRAFTSMAN aluminum oxide grinding wheels (fine and coarse).

99 A 01951L—Shipping weight 59 pounds..... **$48.50**

34-inch pedestal height puts grinder at most comfortable work position

$12.95

CRAFTSMAN Grinder Pedestal

A rugged, sturdy pedestal support for grinders 99A 01950L, 99A01951L listed on this page, and grinder 99A M1952 listed on opposite page. This pedestal fills a need for a grinder support in machine shops, garages, factories, etc.

Specially designed height about 34 in. puts grinder at most comfortable work position. Cast iron bracket and base give firm, solid support to grinder. Column made from high quality steel. 12x12¾x4⅝-in. cast iron base has 4 cast holes for bolting to floor. Cast iron bracket has holes for mounting grinder. Steel-column diameter 2¾ in.

99A02964L–Wt. 42 lbs. **$12.95**

$31.95 CASH
$3.50 DOWN

CRAFTSMAN 1/4-H.P. Grinder

REG. U.S. PAT. OFF.

One of the most practical, complete ¼-H.P. grinders we've seen in this price range. EXTRA features and industrial-type flat-face design increase working range. Designed to do most grinding jobs in small shops and for general maintenance work. An excellent utility grinder. Runs smoothly on precision ball bearings . . . lubricated for life. **Guaranteed 1 year:** We will repair any electric grinder found defective in materials or workmanship if returned within 1 year of date of purchase.

Wheels project ⅛-inch beyond front of motor housing. Allows grinding across wheels and longer wheel life; 11¾ inches clearance between wheels; removable wheel guards; adjustable, shatterproof eye shields in steel frames. 2x1 13/16 inch adjustable tool rests. 2⅞-inch steel wheel flanges.

Underwriters' Laboratories approved. ¼-H.P. CRAFTSMAN split phase motor . . fully enclosed. Has Nylon insulated windings . . for greater resistance to heat and abrasion. 3450 R.P.M. no load speed. On-off toggle switch conveniently located at front of grinder. Motor operates on 110–120 volts, 60-cycle AC, and is equipped with 8-foot rubber covered cord and unbreakable plug.

Rugged cast iron construction. ¾-inch steel motor shaft, turned down to ½-inch at wheel ends. Grinder finished in rust resisting gray enamel. Rubber mounted for quiet operation. Height 8⅝-inches . . width 14¾-inches. Complete with two 6x¾-in. vitrified CRAFTSMAN grinding wheels (fine and coarse). See opposite page for complete listings of top quality CRAFTSMAN grinding wheels.

99 A 01950L—Shipping weight 44 pounds..... **$31.95**

SEARS EASY PAYMENT PLAN

It is possible to equip a complete power tool workshop for only a few dollars down on Sears Easy Payment Plan. You can carefully plan your shop and buy all the tools you need NOW . . . all at one time . . . and pay for the shop while you are using it. You can buy anything in this catalog on Easy Terms if your purchase totals $20 or more. It takes only a 10% down payment with your purchase, and the balance in convenient monthly payments. See the table below for the amount of monthly payments. Any of our sales people will be glad to give you further information about Sears Easy Payment Plan.

If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is	If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is
$17.50 to $22.00	$2.00	$5.00	$120.01 to $130.00	$12.50	$10.00
22.01 to 24.00	2.25		130.01 to 140.00	13.50	
24.01 to 26.00	2.50		140.01 to 150.00	14.50	11.00
26.01 to 28.00	2.75		150.01 to 160.00	15.50	
28.01 to 30.00	3.00		160.01 to 170.00	16.50	12.00
30.01 to 33.00	3.25		170.01 to 180.00	17.50	
33.01 to 36.00	3.50	5.00	180.01 to 190.00	18.50	13.00
36.01 to 40.00	4.00		190.01 to 200.00	19.50	
40.01 to 45.00	4.50		200.01 to 210.00	20.00	14.00
45.01 to 50.00	5.00		210.01 to 220.00	20.50	
50.01 to 55.00	5.50		220.01 to 230.00	21.00	15.00
55.01 to 60.00	6.00	6.00	230.01 to 240.00	21.50	15.00
60.01 to 65.00	6.50		240.01 to 250.00	22.00	16.00
65.01 to 70.00	7.00	7.00	250.01 to 260.00	22.50	16.00
70.01 to 75.00	7.50		260.01 to 270.00	23.50	17.00
75.01 to 80.00	8.00	8.00	270.01 to 280.00	24.50	17.00
80.01 to 85.00	8.50		280.01 to 290.00	25.50	18.00
85.01 to 90.00	9.00		290.01 to 300.00	26.50	19.00
90.01 to 95.00	9.50	9.00	For balances over $300 consult any Sears salesperson		
95.01 to 100.00	10.00				
100.01 to 110.00	10.50	10.00			
110.01 to 120.00	11.50				

IMPORTANT NOTICE ABOUT PRICES

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INDEX

Abrasives....18, 20, 21
Arbors....16, 23, 24, 26, 27, 29
Band Saws and Blades....10, 11
Belts....37
Benches, Power Tool....28, 34, 35
Benches, Work....35
Bench Saws and Accessories....2 to 6
Centers....16, 23, 24, 26, 27, 28
Chucks....16, 22, 23, 24, 26, 27, 31
Clamps....34
Cut-off Wheels....21
Dado Sets....9
Drill Press and Accessories....30 to 33
Electric Drills....41 to 43
Electric Drill Accessories....41 to 43
Electric Hand Saws....38, 39
Electrical Accessories....33, 34, 35, 39
Flexible Shafts, Accessories....18
Floor Model Saw....6
Gem Makers....19
Glue....20
Grinders....41, 50, 51
Grinding Wheels....8, 50
Hack Saws, Power....23
Impact Tool....41
Instruction Manuals....19
Jig Saws and Blades....12, 13
Jointer-Planers....5, 14, 15
Lathes, Accessories....16, 22 to 27
Lineshaft Accessories....37
Mandrels....37
Milling Machines, Accessories....28, 29
Miter Gauges....5, 11
Miter Vise....34
Molding Cutter and Accessories....9
Motors and Accessories....44, 45, 46
Planers....5, 14, 15
Planer Attachment....42
Polisher....42
Polishing Equipment....20
Polishing Heads....50
Powr-Panl....34
Pulleys....36
Radial Saw....7
Router....41
Sanders....40
Sanding Equipment....16, 20, 21, 40
Saw Blades....8, 9, 10, 13
Saw Guides....38, 39
Saw Table Extension....5
Saw Horse Brackets....35
Set Screws....36
Shaper and Shaper Cutters....17, 28
Sharpener, Saw....14
Swing Saw....7
Switches, Electrical....34, 35
Thickness Planers....14, 15
Tool Racks....35
Tool Lights....34, 35
Vari-Slo-Speed Control....31
Welders and Accessories....47, 48, 49
Wheel Sets....5, 11, 34, 35

SEARS GUARANTEE

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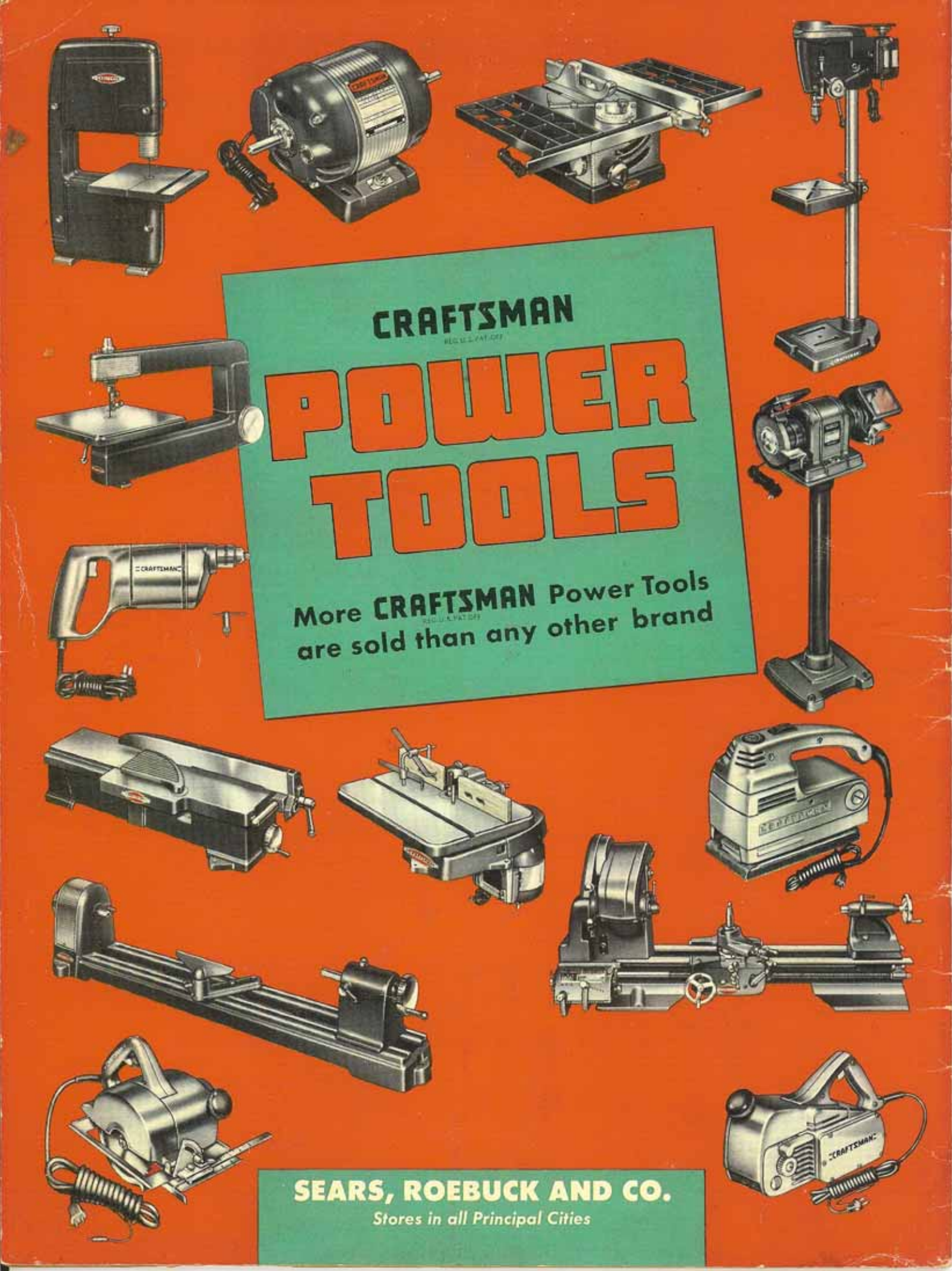
SEARS, ROEBUCK AND CO.


CRAFTSMAN
POWER TOOLS
More CRAFTSMAN Power Tools are sold than any other brand
SEARS, ROEBUCK AND CO.
Stores in all Principal Cities